Scholarship Program Description for International Industrial Talents Education Special Program

In response to industry talent demands and in alignment with the National Development Council's initiatives, the Ministry of Education is implementing the **International Industrial Talents Education Special Program (INTENSE Program for short),** which is designed to meet corporate needs, providing scholarships to expand the enrollment of international students. The scholarship program integrates government and industry resources. the National Development Fund, Executive Yuan provides industry-academia scholarships and partner companies offer monthly living allowances for each student (hereinafter referred to as the "Scholarship"), as well as employment opportunities in Taiwan after graduation. Interested parties are invited to peruse the following description and submit their applications within the specified deadline.

A.   Introduction to the Application Process

(1) Application qualifications: International students, overseas Chinese, HK and Macau students admitted to National Taiwan University for the 2024-2025 academic year

(2) Application timeframe: March 29~April 12, 2024

(3) Application method: https://forms.gle/MUNxw9GY7WMJVeGX7

(4) Application criteria:

- Students should have above-average class rank or department rank in undergraduate or graduate studies.
- Language Skills
    - ➢ For students in Chinese-taught classes, proficiency in Mandarin Chinese is required, with a minimum score of Level 2 in TOCFL, equivalent to CEFR A2 or higher, in both the listening and reading sections.
    - ➢ For students in English-taught classes, proficiency in English should be at CEFR B1 level or higher.
    - ➢ Applicants that meet NTU's criteria of exemption from submitting language proficiency certificates do not need to provide additional proof of language proficiency.

(5) Review process:

- Phase 1: Qualification review by partner companies (April to May 2024)
- Phase 2: Qualification review by the Ministry of Education (June 2024)

B. Rights and Obligations

(1) Covered items: The scholarship can be received for a maximum of two years.

Government	Partner Company
● Necessary administrative expenses for first-time arrivals in Taiwan: A one-time grant is provided, covering health examination fees, visa fees, and document verification fees incurred before arrival in Taiwan. The grant limit is divided by region: a maximum of NT$25,000 for countries in Europe and America, and a maximum of NT$10,000 for other countries (subject to receipt verification). ● One-way airfare to Taiwan: A one-time grant is provided for the actual cost of a one-way economy class ticket for the most direct flight to Taiwan. The subsidy limit is NT$35,000 for countries in Europe and America, and NT$9,000 for other countries (subject to receipt verification). ● Tuition and miscellaneous fees for up to two years after enrollment. For the second year, students enrolled in Chinese-taught classes must achieve a level of proficiency in Mandarin Chinese of TOCFL Level B1 or above, while students enrolled in English-taught classes must achieve a level of proficiency of TOCFL Level A2 or above, in both the listening and reading sections. Additionally, they must pass the review of grades and performance by the school and partner company to be eligible for continuous grant funding.	● Monthly living allowance: NT$15,000 for master's students and NT$25,000 for doctoral students. To continue receiving the allowance in the second year, students must pass the review of grades and performance by the school and partner company.

(2) Obligations regarding scholarship receipt: In accordance with the duration of the scholarship, students are obliged to stay and work for the partner company in Taiwan for a corresponding period of time. For those receiving the scholarship for one year, there is a one-year obligation to remain

employed in Taiwan; for those receiving the scholarship for two years, there is a two-year obligation to remain employed in Taiwan. If, due to unforeseen circumstances, students are unable to complete their studies midway or fail to fulfill their employment obligations after graduation, the following principles apply to the repayment of the scholarship (including government and corporate scholarships):

1. Due to reasons not attributable to the student, no repayment of the scholarship is required in the following circumstances:

    *   The original partner company ceases to provide living allowances to the student during their period of study due to operational adjustments, and despite the school's efforts to assist, the student is unable to secure additional financial support from other companies.

    *   The original partner company has no job vacancies available for the student upon graduation due to operational adjustments, and despite the school's employment counseling and efforts to match the student with other companies, no suitable employment opportunities are found.

    *   The partner company terminates the contract with the student during the student's employment period due to circumstances stipulated in Paragraph 1, Article 14 of the Labor Standards Act, and despite the school's employment counseling and efforts to match the student with other companies, no suitable employment opportunities are found.

    *   The student is unable to continue studying or working due to death, severe illness, or accidents. A certificate issued by a teaching hospital or above accredited by the Ministry of Health and Welfare, certifying the inability to continue studying or working, or evidence of significant family upheaval preventing further study or work, verified by the school, is required.

2. Due to reasons attributable to the student, repayment of the scholarship is required in the following circumstances:

    *   The student withdraws from the program midway through due to personal reasons such as applying for transfer, changing departments, or taking a leave of absence to return to their home country, and despite counseling from the school, decides not to continue in the program, or is expelled by the school in accordance with regulations. In such cases, the student is required to repay the scholarship received in full.

    *   The student's academic performance is unsatisfactory, failing to meet the evaluation standards set by both the school and the company, and despite counseling from the school, shows no improvement and is subsequently expelled by the school. In such cases, the student is required to repay the scholarship received in full.

    *   Within three months after graduation, the student fails to show up for work at the partner company and, despite counseling from the school, shows no improvement. In such cases, the student is required to repay the scholarship received in full.

    *   After graduation, the student's employment contract is lawfully terminated by the

company for violating company regulations, and despite counseling from the school, the student shows no improvement. In such cases, the student is required to repay the scholarship proportionally based on the number of remaining months of employment;if less than a month, it will be counted as one month.

- If the student does not complete an employment period with the partner company equivalent to the scholarship period, the student is required to repay the scholarship proportionally based on the number of remaining months of employment; if less than a month, it will be counted as one month.

C. Partner Companies

(1) National Taiwan University (NTU) Departments / Institutes of the special program and partner companies

NTU Department / Institute	Partner Companies for Master's Programs	Partner Companies for Doctoral Programs
Business Administration	ASUSTeK Computer Inc.	
Information Management	Unimicron Technology Corporation Inventec Corporation ASUSTeK Computer Inc.	
Accounting	PwC Taiwan	
Electrical Engineering	Topco Scientific Co. Ltd., Unimicron Technology Corporation TECO Electric & Machinery Co., Ltd., AUO Corporation ASUSTeK Computer Inc.	Unimicron Technology Corporation
Electronic Engineering	MediaTek Inc. Topco Scientific Co. Ltd. Unimicron Technology Corporation AUO Corporation	
ICS Concentration, Electronic Engineering	Phison Electronics	
Computer Science and Information Engineering	Unimicron Technology Corporation Pegatron Corporation	
Electro-Optical Engineering	Unimicron Technology Corporation ASUSTeK Computer Inc.	Unimicron Technology Corporation
Communications	Unimicron Technology Corporation	Unimicron Technology Corporation

NTU Department / Institute	Partner Companies for Master's Programs	Partner Companies for Doctoral Programs
Engineering		
Networking and Multimedia	Unimicron Technology Corporation	
Chemical Engineering	Topco Scientific Co. Ltd. Unimicron Technology Corporation	Unimicron Technology Corporation
Mechanical Engineering	Garmin Ltd. Unimicron Technology Corporation	Unimicron Technology Corporation
Applied Mechanics	Unimicron Technology Corporation	Unimicron Technology Corporation
Industrial Engineering	Garmin Ltd. Unimicron Technology Corporation	
Physics	Unimicron Technology Corporation	
Applied Mathematical Sciences	Unimicron Technology Corporation Inventec Corporation	

(2) Partner companies and job descriptions: Upon completion of their studies and obtaining their degree through assessment by the school and the partner company, students are entitled to employment opportunities provided by the partner company. The company should offer suitable positions with compensation not lower than the average salary in the same field, and they should retain and employ the students.

Partner Companies	Offered Positions
MediaTek Inc MediaTek Incorporated (TWSE: 2454) is the world's 5th largest global fabless semiconductor company. We are market leaders in developing innovative systems-on-chip (SoC) for mobile device, home entertainment, connectivity and IoT products. Ultimately, we power more than 2 billion devices a year – that's in 20 percent of homes and nearly 1 of every 3 mobile phones globally.	**Analog IC Design Engineer** Mediatek Analog Design and Circuit Technology (ADCT) is currently seeking experienced analog circuit designers to develop high speed, high performance and low power analog/mixed-signal circuits and PMU for wireless cellular phones, wireless LANs, smart home, wide-area networks, high performance computing, AI, IoT, automotive and ASIC. This role will include circuit analysis, design, simulation and test using innovative architectures to deliver best-in-class performance. Of particular importance will be design experience of involving at least one or more topics in the following: 1. High speed SerDes circuit design, like CTLE, CDR, DFE, PLL, DLL and TX Driver.

Partner Companies	Offered Positions
	2. High efficient power management integrated circuit (PMIC) design, like LDO, DC-DC converter and envelop tracking (ET) power supply modulator.
	3. High speed & high resolution data converters, like SAR ADC, noise shaping CT/DT DSM ADC, interleaved ADC, hybrid ADC, current steering DAC and switch-capacitor DAC's.
	4. High speed DDR/LPDDR analog PHY circuit design and verification.
	5. Audio Class-AB/D amplifiers, PGA, filter, oscillators and temperature sensor.
	6. Ultra-low power analog/mixed-signal circuits design for IoT.
	《Language Requirement》English capability shall meet the minimum language proficiency requirements for NTU international students
Phison Electronics Corp. Phison Electronics Corporation was established in November 2000 in Hsinchu, Taiwan. Starting with the world's first single-chip USB flash drive IC, Phison is now a market leader in NAND Flash controllers and applications including USB, SD, eMMC, PATA, SATA, PCIe and UFS. The company has shipped over 600 million controllers worldwide yearly. Phison also develop vertical integration and other applications such as PMIC and Retimer/Redriver. As a NAND flash total solution provider, the market scale and technological leadership give Phison unlimited potential for future growth.	**Analog IC Design Engineer** 1. Analog/Mixed signal IC design & architecture for SerDes, Adaptive Equalizer (CTLE/FFE/DFE), CDR, PLL, PHY, Transmitter, Receiver, RF, wide-band, high frequency amplifier, LNA, TIA, PA 2. High Speed IO/transceiver circuit designs on DDR4/5 & LPDDR4/5 PHY, flash (ONFi) PHY. 3. Power analog circuit designs on PMIC, DC2DC converter, LDO. 4. Analog circuit design on various functional analog IPs including ADC, PLL, DAC, GPIO, thermal sensor, etc. 《Language Requirement》 ● English-Must ● Mandarin-Plus

Partner Companies	Offered Positions
Topco Scientific Co., Ltd. 1990, Mr. Yuan-Jan Chang founded Topco Scientific with the philosophy of "diligence, professionalism, and sharing the success" to enter the advanced technology field. Under the leadership of Dr. J.W. Kuo, the current Chairperson, Topco has been actively introducing the latest manufacturing processes and technologies to provide customers with the highest standard of integrated services through achieving excellent strategic planning and efficient execution with the global logistics management capability. In the field of advanced technology, Topco pursues reliable quality, punctual delivery, and responsive service to meet customer needs. In addition to providing precision materials, manufacturing equipment, and components for the semiconductor, LCD, and LED industries, Topco also offers system planning and integration services. Not stopped by its stock IPO in 2003, Topco has continued to explore more business, expand the scope of operations, and march into the global market; and Topco has reached its business into the environmental protection and green technology industries, such as plant wastewater treatment, clean room, and solar power plant projects. To complement the expansion, Topco built a complete supply chain and service network by providing integrated services from design, construction, operation, and maintenance. The continuing growth of annual revenue and profitability has proven that Topco's professional integration capabilities have been well received and recognized by customers from all over the world.	**Sales Representative** 1. Semiconductor related expertise 2. Market development 3. Market intelligence involves analyzing info about a company's competitors, trends & customer preferences for strategic decision making. **Environmental Engineer** 1. Participate in project execution. 2. Water treatment system planning, design, manufacturing and trial operation supervision. 3. Engineering quality control operations. 4. Control project progress, project quality, labor safety, and project costs. 《Language Requirement》 ● English: Proficient ● Mandarin: Intermediate
Garmin Ltd.	**Production Process Engineer**

Partner Companies	Offered Positions
【Leader in GPS and Smart Wearables】Garmin, the foremost entity in the global satellite positioning system industry! Since its inception in 1989, across aviation, maritime, automotive navigation, outdoor sports, and fitness leisure, Garmin has consistently held the premier position worldwide. In 2012, sales of Garmin's GPS satellite positioning and communication products surpassed 100 million units, reaching a significant milestone of 200 million units sold by 2018. Garmin embodies the ethos of "innovative research and development, enriching lives," assisting countless individuals in commemorating their journeys across diverse domains. Besides its unwavering commitment to professional research and development, Garmin accentuates user-friendly interfaces in its products, striving to create products that users can swiftly acquaint themselves with in any domain. Garmin went public on the NASDAQ in the United States in 2000 and became a high-tech benchmark company in the NASDAQ100 index in 2004. In December 2012, it was recognized as a high-tech benchmark company in the S&P 500 index. In recent years, Garmin has also been acknowledged by Forbes as one of the top 2000 companies globally. 【Continual Technological Innovation】 Faced with swiftly changing markets, Garmin actively drives product and technological innovation, evident in developments ranging from integrated dashboards in aviation to maritime products and, most recently, wearable devices. We possess a comprehensive array of technology integration capabilities, including GPS chipset software/hardware cores, GPS product development, electronic map	《Job Description》Continuous improvement of products, optimization of production processes, minimizing product costs/maximizing output. 1. Continuous improvement of mass-produced products (QDC + PDCA activities) 2. Cross-departmental activities in the early stages of new product development (Working with NPI on DFM review), as well as taking over the initial stage of mass production (preparation for mass production introduction, initial ramp-up, problem correction) related activities 3. Horizontal project-type work: Collecting data, statistics, and analysis, establishing preventive behaviors and predictable measures to maintain product quality and capacity to achieve the goal of smart manufacturing. Details include: (1) Establishing and maintaining standard working hours. (2) Formulating manufacturing procedures and operating standards (SOP). (3) Continuous improvement of products and processes to enhance production efficiency and capacity. (4) Analysis and improvement of quality anomalies. (5) Training of production personnel. (6) Estimation and analysis of manufacturing costs. (7) Analysis of productivity and production volume control. (8) Assisting in project implementation and execution. (9) Reducing waste and lowering production costs. (10) Evaluation and implementation of new

Partner Companies	Offered Positions
technology, wireless transmission, mobile television, inertial navigation, voice synthesis and recognition, digital traffic broadcasting, radar, sonar, AutoPilot, LCD module technology, smartphone navigation software, and server applications. In these domains, Garmin has introduced globally admired GPS products with exceptional technological achievements, establishing itself as a world-leading brand. 【Asian Research and Development Center】Garmin's Taiwan team shoulders 95% of the production and manufacturing tasks and has evolved into an Asian research and development hub in recent years. We are deeply rooted in this region and continue to expand our research and development team. At present, we require additional technical expertise from academia and more research talents to perpetuate the miracle of Garmin's continuous revenue and profit growth, thereby enhancing the momentum of Taiwan's emerging technology industry. At Garmin, you have the opportunities to collaborate with top talents from around the world, and the cross-cultural experience will elevate your vision and capabilities. We welcome you to join us on the global stage! Business Philosophy 【Mission】To become a sustainable company; providing indispensable, excellent products in the automotive, aviation, maritime, outdoor leisure, and sports fields. 【Vision】 To become a global leader in every market segment; loved by customers for astonishing design, outstanding quality, and exceptional value. 【Values】 Our corporate culture is built on	product processes. (11) Researching new processes and technology introduction. (12) Handling cross-factory, cross-border product adoption or transfer, personnel training, short-term stays, or long-term assignments. 《Field of Study》Engineering (Electrical, Automatic Control, Mechanical, Materials, Industrial Engineering) 《Proficient Tools》AutoCAD 《Work Skills》 ● Control of production costs ● Establishment of standard production processes ● Planning and estimation of product production processes and working hours 《Language Requirement》 ● English (Listening: Intermediate, Speaking: Intermediate, Reading: Intermediate, Writing: Intermediate) ● Proficiency in Southeast Asian languages (Listening: Intermediate, Speaking: Intermediate, Reading: Intermediate, Writing: Intermediate) is preferred (at least two languages), including Indian, Malay, Vietnamese, and Thai. **Industrial Engineer** 《Job Description》 1. Facility planning and production system design. 2. Calculation, analysis, planning, and

Partner Companies	Offered Positions
honesty, integrity, and respect; we hold steadfast determination to fulfill our commitments to colleagues, customers, and partners. ● Rainy Day Management - Garmin's core management spirit: Upholding the concept of "product supremacy," proactively developing products, successfully venturing into the smart wearable market, and pioneering new frontiers; maintaining product gross margin and net profit performance financially, avoiding debt, and maintaining high cash flow to cope with the ever-changing market conditions. ● Walking the Tightrope - Garmin always tackles the toughest challenges: Before the United States lifted GPS positioning restrictions in 2000, it entered the GPS field early for research, becoming a pioneer and developing products in the most challenging aviation sector.	control/system establishment of capacity and resource requirements (manpower and equipment). 3. Analysis of manufacturing costs. 4. Management and analysis of production system performance indicators. 5. Rationalization and standardization of operations (continuous improvement of operating procedures, integration and systematization, improvement of production efficiency, reduction of waste). 6. Special research (implementation and improvement of cross-departmental/internal projects). 7. Tasks assigned by supervisors. 《Education》Master's degree in Industrial Engineering-related field 《Specific Skills》 1. Necessary skills: MS OFFICE (Excel, Power Point, Word, Visio) document processing skills. Proficiency in computer-aided design software (AutoCAD 2D). 2. Additional preferred skills: Video processing, MS SQL/Access, QC seven methods, etc. Data collection and analysis, engineering statistics, work studies (setting standard working hours, cost estimation, drawing process flowcharts and on-site improvements), capacity requirement planning, facility planning, production line balancing, profit and loss analysis, layout design planning, manufacturing processes (mechanical processing flow), database queries, etc. Additional professional certifications in computer-aided design

Partner Companies	Offered Positions
	drawing, industrial engineering, project management are desirable. Proficiency in programming languages such as C# or Java is desirable. 《Personality Traits》 1. Work attitude: Sense of responsibility, ability to withstand pressure, meticulousness, proactiveness, resilience, and teamwork spirit. 2. Ability regarding tasks: Organizational, planning, good logical thinking, problem analysis and solving, high execution, and independent operation abilities. 3. Ability regarding people: Ability to integrate resources, communication skills, responsiveness, adaptability, and expression ability. 4. Willingness to learn is desirable. **Equipment Engineer (Mechanical, Electrical Control, Fixtures)** 《Responsibilities》 1. Development of process equipment 2. Design of product fixtures 3. Development of electrical control systems 4. Analysis of anomalies and providing solutions 5. Positive attitude and teamwork, ability to collaborate with various teams. 6. Curiosity and responsibility, eager to solve challenges related to internal process equipment. 7. Fulfill Garmin's automation equipment requirements, requiring overseas support 《Skills》

Partner Companies	Offered Positions
	1. Experience in development of automation mechanisms or fixture design
	2. Application of various automation components
	3. Application of robotic arms
	4. Experience in electromechanical integration
	5. Familiarity with PLC and microcontroller systems
	6. Electronic circuit design and development
	7. Programming skills in C, C++, PLC ladder
	8. TOEIC score of 650 or above is preferred.
	《Education》Master's degree in Electrical and Electronics Engineering, Mechanical Engineering, Information Engineering
	《Language Requirement》Fluent in Chinese, English, and Thai (at least two languages)

	Software Engineer (MES/System Integration)
	 《Responsibilities》
	 1. System integration team:
	   (1) System integration including HMI development
	   (2) Image processing software development
	   (3) Machine vision development/optical system design
	   (4) Development of automatic optical inspection systems (AOI)
	   (5) Programming of robotic arms
	   (6) Collaborate across departments like mechanics, electrical control, data science, MES, and processes to complete equipment project development
	 2. MES team:
	   (1) Responsible for developing and

Partner Companies	Offered Positions
	maintaining the company's MES system, including system planning, programming, testing, deployment, and documentation writing
	(2) Use technologies such as C# .Net Core, Angular, SQL Server for programming and follow code standards and quality standards
	(3) Passionate about software development, with the ability and willingness to refactor and optimize code for better readability and performance
	(4) Effective communication and collaboration with team members to solve system problems and meet user needs
	《Skills》 1. Software development skills in languages like C#, JAVA, Go 2. Practical experience in robotic arm control and system integration 3. Practical experience in image processing and AOI equipment development
	《Education》Bachelor's or Master's degree in engineering disciplines (information, mechanical, etc.)
	《Tools》AutoCAD
	《Work Skills》 1. Production cost control 2. Establishing standard production processes 3. Planning product production processes and estimating working hours

Partner Companies	Offered Positions

	《Language Requirement》Fluent in Chinese, English, Thai, and Vietnamese speaking/listening)
	
	 Mass Production Process Engineer
	 《Responsibilities》
	 1. Continuous improvement of mass-produced products, optimization of production processes, minimum cost/maximum output of products
	 2. Continuous improvement of mass-produced products (QDC + PDCA activities)
	 3. Pre-production activities for new product development (working with NPI on DFM review) and initial production (preparation for mass production introduction and early ramp-up, problem correction)
	 4. Horizontal project work: Data collection, statistics and analysis, establishment of preventive and predictive measures to maintain production quality and capacity to achieve smart manufacturing goals. Details include:
	   (1) Establishment and maintenance of standard working hours
	   (2) Formulation of manufacturing procedures and standard operating procedures (SOPs)
	   (3) Continuous product and process improvement to increase production efficiency and capacity
	   (4) Problem analysis and improvement of quality anomalies
	   (5) Education and training of production personnel
	   (6) Manufacturing cost estimation and analysis
	   (7) Production analysis and yield control

Partner Companies	Offered Positions
	(8) Assistance in project implementation and execution
	(9) Waste reduction and production cost reduction
	(10) Evaluation and introduction of new products/processes
	(11) Research on new processes and technology introduction
	(12) Cross-site, cross-border product acceptance or transfer, personnel training, short-term stays, or long-term assignments.
	《Education》Bachelor's or Master's degree in Engineering disciplines (Electrical, Automation Control, Mechanical, Materials, Industrial Engineering)
	《Language Requirement》
	● English (listening: intermediate, speaking: intermediate, reading: intermediate, writing: intermediate)
	● Southeast Asian languages (listening: intermediate, speaking: intermediate, reading: intermediate, writing: intermediate) preferred (Indian, Malay, Vietnamese, Thai)
Unimicron Technology Corporation Unimicron, established in 1990, is a world-class supplier of Integrated Circuit Carrier and Printed Circuit Boards. Innovation and quality serve are the sources of competitiveness for our company. Over the years, we have consistently pushed technological boundaries and expanded rapidly on a global scale.	**Digital Operations / AI / Data Engineering Engineer** 1. Apply Gen.AI model to actual solution development 2. Execute projects related to AI and smart manufacturing **R&D Engineer** 1. New product technology development, trial production and mass production introduction 2. DOE experimental evaluation, high-

Partner Companies	Offered Positions
	frequency and high-speed signal characteristics simulation 3. Dk/Df electrical analysis of materials **Connector Product Design Engineer** 1. Connector product design 2. Analyze customer products and propose connector design solutions 3. New product mechanical and electrical performance analysis and improved design 4. New product development, testing and certification and assistance in mass production **Sales Engineer** 1. Customer maintenance and development 2. Master product design schedule and production status 3. Serve as a bridge between customers and various engineering departments, coordinate technology development, product introduction and other projects 4. Collect market and technical information **IT Engineer** 1. System process design planning and maintenance 2. Development, construction and management of system requirements and resource analysis 3. System-related problem solving and consultation **Circuit Design Engineer** 1. Electromagnetic simulation and electrical modeling by using Ansys EM suite. 2. SI/PI high frequency / high speed signal

Partner Companies	Offered Positions
	integrity / power integrity / antenna radiation with Ansys EM/ADS systems. **Equipment Automation Engineer** 1. Introduction of equipment-related automation functions 2. Automation equipment planning and development 3. Automation equipment operation maintenance and abnormality troubleshooting 4. Project progress tracking and control, cross-department communication **Process Engineer** 1. Introduction of new processes and technologies 2. Process configuration, Anomaly analysis and improvement, Yield improvement 《Language Requirement》 ● TOCFL: A2 ● TOEIC: 600
TECO Electric & Machinery Co., Ltd. Founded in 1956 for motor production, TECO Electric & Machinery Co., Ltd. has evolved to a major business group, spanning heavy electric equipment, home appliances, information technology, communications, key electronic components and parts, infrastructural engineering, financial investment, dining, and services, with its business scope covering over 100 cities in more than 40 countries in the five major continents. In the future, in addition to continuing profound cultivation of its core businesses, TECO will develop in the direction of businesses with high added value, such as	**Business Development** 1. Bring Electrification solution to the SEA market (including but not limited to) and set up successful cases in the oil, gas, mining or renewable energy industries. 2. Conduct market and competitor analysis to dig in the product needs and drive the financial result (revenue and P/L). 3. Define product roadmap and product spec. 4. Manage pricing strategy for different market segments. 5. Cooperate with RD SI team to develop system solutions to meet customer needs. 6. In charge of product life cycle management.

Partner Companies	Offered Positions
smart products and systematic solutions and dedicate to the expansion of hi-tech businesses, with the objective of "energy conservation, emissions reduction, Intelligence, and automation," in order to build up a macro-perspective and high-quality world-class brand.	《Qualification》 1. Engineering background and well know about the power electronic systems. 2. Familiar with O&G, mining or renewable energy industry. 3. Willing to travel. 《Language Requirement》 ● TOCFL: B1 ● CEFR: A2
AUO Corporation We are AUO, an enthusiastic, technology-driven company delivering products and solution services that advance the frontier of innovation. We integrate software, hardware, cloud and service platforms to enter the diverse application market of field economy. Regarding display as an interface of communication and connection, we develop smart solutions and leading people into a brand new lifestyle.	**R & D Engineer** 1. Hardware/Circuit/PCB Design 2. Micro LED, OLED circuit, hardware research and development 3. Circuit design, verification, debugging, and optimization (including power supply and EMC) 4. Technical report research and analysis 《Language Requirement》CEFR B1
Inventec Corporation Founded in 1975, Inventec manufactures computers, telephones, notebooks, and servers and has developed a strong foundation for global success. Upon entering the 21st century, our company has become even more active in such industries as cloud computing, wireless communication, intelligent devices and IoT. For many years, the business concepts of Inventec have been "Innovation, Quality, Open Mind, and Execution." Thanks to our variety of products, strategic alliances, supply-chain integration, expanded business scale, and enhanced long-term competitiveness, we have become among the best system, software, and service company. At the forefront of our	**Quality Project Engineer** 1. Collect, analyze and manage quality problems of factory mass-produced models to promote production yield improvement; 2. Convene relevant departments to discuss and resolve major quality issues, lead relevant units to provide analysis reports, improve countermeasures, and track improvement results and progress 《Language Requirement》Proficient in Thai/Mandarin or Spanish/Mandarin; and basic English proficiency

Partner Companies	Offered Positions
corporate beliefs are "Talent Assets" and "Social Responsibility." The combination of business concepts and corporate beliefs create the core of Inventec that encourages us to embrace sustainable operations.	
PEGATRON Corporation PEGATRON Corporation (hereafter referred to as "PEGATRON") was founded on January 1, 2008. With abundant product development experience and vertically integrated manufacturing, we are committed to providing clients with innovative design, systematic production and manufacturing service in order to comprehensively and efficiently satisfy all of our customers' needs. PEGATRON features a solid R&D team, friendly, fast service quality as well as a high degree of employee cohesion. Furthermore, we have combined EMS and ODM industries to become an emerging Design and Manufacturing Service (DMS) company. Consequently, we are able to offer industry-leading, state-of-the-art products and profitable business opportunities for our partners.	**AI Engineer** Experience real-world challenges in data analysis and model building beyond the classroom setting. In this job, you will: 1. Translate business issues into actionable analytical tasks and effectively communicate results to a non-technical audience. 2. Specialize in cutting-edge AI research, demonstrating proficiency in implementing advanced algorithms. 3. Collect, process, and cleanse raw data from diverse sources to ensure high-quality datasets. 4. Develop expertise in training and building AI models aligned with specific business objectives. 5. Engage in software development using an agile development process, adhering to Continuous Integration/Continuous Deployment (CI/CD) and Test-Driven Development (TDD) workflows. 《Language Requirement》 ● Chinese CEFR A2 ● English CEFR B2
ASUSTeK Computer Inc. ASUS is a multinational company known for the world's best motherboards, PCs, monitors, graphics cards and routers, and driven to become the most-admired innovative leading technology enterprise. With a global workforce that includes more than	**Sales Product Manager (IPC)** Responsible for product planning and management of industrial MB, systems, or edge computing devices. **R&D Hardware Engineer**

Partner Companies	Offered Positions
5,000 R&D professionals, ASUS leads the industry through cutting-edge design and innovations made to create the most ubiquitous, intelligent, heartfelt and joyful smart life for everyone. Inspired by the In Search of Incredible brand spirit, ASUS won more than 11 prestigious awards every day in 2019 and ranked as one of Forbes' Global 2000 Top Regarded Companies, Thomson Reuters' Top 100 Global Tech Leaders and Fortune's World's Most Admired Companies.	1. Engage in hardware design and system planning for commercial system products. 2. Design electronic circuit and layout planning. 3. Collaborate with relevant units to troubleshoot, validate, and test system circuits. 4. Assist factory-side production. **SI/PI Engineer** 1. Responsible for conducting SI/PI (Signal/Power Integrity) simulations for ASUS products (motherboards, servers, desktops, laptops, smartphones, graphics cards, etc.) in the early stages, and providing design recommendations to the EE and Layout teams for circuit boards. 2. Execute pre-layout simulations to evaluate appropriate stack-up and layout designs. 3. Perform post-layout simulations to assess signal and power integrity. 4. Conduct research on advanced electromagnetic-related issues. **EMC Engineer** 1. Develop design guidelines for EMC (Electromagnetic Compatibility) in 3C products (such as laptops, smartphone, motherboards, servers, etc.) to ensure optimal cost-effectiveness of ASUS products. 2. Design EMC (Electromagnetic Compatibility) and conduct testing to ensure compliance with relevant regulations. 3. Design electrostatic discharge protection. 4. Provide technical support and training on EMC/Certification to colleagues. 5. Conduct research and discussion on EMC related issues.

Partner Companies	Offered Positions
	RF Engineer 1. Develop design guidelines for wireless communication in 3C products (such as laptops, smartwatches, AIOT, etc.) to ensure optimal cost-effectiveness of ASUS products. 2. Conduct in-depth research into complex RF/wireless communication issues within products to identify optimal solutions. 3. Research RF circuit/system design for wireless new technologies, and develop new features or applications. 4. Apply for patents or publish in international journals to maintain product competitiveness. 5. Provide technical support and training on wireless communication/RF technology to colleagues. **Cloud Automation Engineer** 1. Cloud architecture and implementation, encompassing architecture design, documentation, testing, deployment, and monitoring. 2. Refactor and optimize existing systems. 3. Conduct code reviews and collaborate with team members using Git. 4. Collaborate with RD and PM to finalize the entire system from design to system launch. **Firmware Engineer (Router)** 1. Design and develop firmware for WiFi routers, focusing on performance optimization and feature enhancements. 2. Collaborate with hardware engineers to ensure firmware compatibility and maximum hardware performance. 3. Implement network protocols and security

Partner Companies	Offered Positions
	features to ensure robust and secure wireless communication. 4. Conduct thorough testing and debugging of firmware, ensuring stability and reliability. 5. Collect, process, and analyze data of WiFi routers to identify trends, usage patterns, and performance metrics. 6. Work closely with the product development team to translate data insights into actionable product improvements. **Mobile App Developer** 1. Support the entire application development (concept, design, test, release, and support) 2. Develop test automation 《Language Requirement》 ● TOCFL A2 ● CEFR B2
PwC Taiwan PricewaterhouseCoopers (PwC) is one of the Big 4, a professional consulting organization, with more than 284,000 professionals working in 157 countries around the world every day, committed to providing high-quality audit, tax and consulting services around the world. PwC Taiwan, affiliated with PwC Global Membership in Taiwan, has developed a full range of services based on the business and management needs of our customers, helping companies face the challenges of globalization, including regulatory compliance, risk management, corporate governance, internal control and internal audit, and provide the latest global industry developments and trend information to enable our customer to grow healthily and operate sustainably in Taiwan.	**Associate** 1. Audit-related work execution 2. Tax-related work execution 3. Client facing work execution and time budget control 4. Applicants who have completed intermediate accounting and have auditing experience or related experience in the financial industry are especially preferred 《Language Requirement》 ● Mandarin: B1 (inclusive) or above in TOCFL or other equivalent proficiency ● English: B1 (inclusive) or above in CFER or other equivalent proficiency

Partner Companies	Offered Positions
PwC Taiwan provides precisely customized services and resources according to the business management needs of enterprises such as audit services, tax & legal services etc.	

D.   Others

(1) Remarks:
- Some partner companies may require video interviews to assess eligibility for the scholarship. If necessary, applicants will be notified via email and video interviews will be scheduled.
- The final result is subject to review by the Ministry of Education.
- The scholarship will be disbursed after registration at National Taiwan University and contract signing with the partner company.
- Any changes to the scholarship program shall be based on announcements from the Ministry of Education and the contract contents of the partner companies.

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