

公司名稱 Enterprise Name	捷絡生物科技股份有限公司 JelloX Biotech Inc.	
職務名稱 Job Title	實習部門 Internshi Department	實習領域 Internship Field
Business development and marketing staff	Marketing	Biotech
上班地點 Job Location	Hsinchu City,Taiwan	
實習訓練目標 Target of Internship	Business development and marketing staff	
內容與期程規劃 Course Schedule	<p>JelloX Biotech Inc. focuses on development of patented 3D tissue imaging technologies as a next generation pathology platform to fulfill precision cancer diagnosis. Current possibility of success for oncology drug development is low (~3%) mainly due to intra-tumor heterogeneity and complexity of tumor microenvironment, hence pathology-guided patient screening helps enhancing diagnostic sensitivity for an efficient treatment plan. JelloX Biotech Inc. is delivering the first 3D pathology data sets to enable right treatment decision to be made for patients. The candidate will understand our technology and link this technology to international market.</p>	
合作廠商待解決 技術議題 Cooperative & Technical issues	<p>To develop cancer diagnosis market. The candidate need to experience live abroad for a long period.</p>	

公司名稱 Enterprise Name	巨量移動科技有限公司 Big data Mobile company	
職務名稱 Job Title	實習部門 Internshi Department	實習領域 Internship Field
Data scientist	R&D Department	Artificial intelligence modeling
PM/CRO	R&D Department	Product planning and clinical trial plan design and writing
BD	BD Department	Marketing & Business Development
Bio EE designer	Sales Department	and biomedical information design
上班地點 Job Location	Taipei City, Taiwan	
實習訓練目標 Target of Internship	Complete at least one project assigned by the supervisor.	
內容與期程規劃 Course Schedule	It is planned to review once every six months and perform performance appraisal once every six months, which will be included in the calculation of performance appraisal results, and performance bonuses will be issued according to the appraisal bonus.	
合作廠商待解決 技術議題 Cooperative & Technical issues	AI ECG module combined with mobile wearable devices to achieve real-time detection of morbidity is a future trend, but the recording time of ECG signals varies and there is a lot of noise from the hardware, so how to deal with the data pre-processing for training models The accuracy has a certain impact. The so-called GIGO (Garbage in, garbage out) refers to this principle, so the solution this time is to do a good job in the pre-processing of biomedical signal data and collect really useful clinical data, so that the company can construct a more robust AI model.	

公司名稱	超象科技股份有限公司	
Enterprise Name	LELTEK INC.	
職務名稱 Job Title	實習部門 Internshi Department	實習領域 Internship Field
R&D Engineer	R&D Department	Biotech
R&D Engineer	R&D Department	IC design
上班地點 Job Location	New Taipei City, Taiwan	
實習訓練目標 Target of Internship	To know more about the biotech industry, process of product development, and company operations.	
內容與期程規劃 Course Schedule	The first stages: learning medical material industry and company product. The second stage: product development and practice.	
合作廠商待解決 技術議題 Cooperative & Technical issues	<ol style="list-style-type: none"> 1. To develop the handheld high-channel ultrasound image system. 2. ASIC design/simulation/testing of ultrasound systems. 3. DSP digital signal processing and system integration. 4. WIFI/USB and data transfer firmware development and optimization. 5. Post-processing of ultrasound imaging. 	

公司名稱	緯創資通股份有限公司	
Enterprise Name	Wistron Company	
職務名稱 Job Title	實習部門 Internshi Department	實習領域 Internship Field
SMT Engineer Silicon Photonics Engineer	PE Technology and material analysis division	Electronic Engineering/ Electrical Engineering/ Opto-Electronic Engineering
IE Engineer	Manufacturing strategy project team	Industrial Engineering
Automation Engineer AOI Engineer	Automation technology R&D division	Automation Engineering/ Electronic Engineering/ Electrical Engineering
FAE Engineer	Global manufacturing division (Hsinchu factory)	Electronic Engineering/ Electrical Engineering
上班地點 Job Location	Hsinchu , Taiwan	
工作條件 Qualification	1.Accountabilty person is preferred. 2.Be able to go on a business trip (based on job tasks) . 3.TOEIC score 450 (or above) is preferred.	
實習訓練目標 Target of Internship	Mentoring and coaching the talents for developing new technology or innovate the value chain.	
內容與期程規劃 Course Schedule	1.On the job training (Globalized vision / Managerial abilities) 2.Self-inspiration (Computer application / Languages) 3.E-learning courses (Newcomer programs) 4.Off the job training (Following the training systems which are based on competencies)	
合作廠商待解決 技術議題 Cooperative & Technical issues	<p>Based on the trends of newly technology and market demand, Wistron setup 5 business directions, in the meanwhile, we' ve been pronounced to each staffs for making sure everyone realize the whole picture of business directions.</p> <p>As mentioned above, there are 2 parts of the directions which need to reserve the talents in advanced.</p> <p>1.Upgrade to be "Smart Factory" We hope that all the data could be stored and shared in the cloud, then use the data to make decision, as a result, we need talents whose major in AOI or IE.</p> <p>2.Make innovation happen In order to provide better customer experiment, we' re going to research and develop newly technology in field of industrial computer, monitor and smart device, as a result, we need talents whose major in SMT, FAE or Silicon Photonics.</p>	

公司名稱	紫式大數據決策股份有限公司	
Enterprise Name	DALab Solutions xAssociates Co., Ltd	
職務名稱 Job Title	實習部門 Internshi Department	實習領域 Internship Field
Senior Engineer	Data Analysis	Big data analysis
Senior Engineer	Optimization	Industrial Engineering and Management
上班地點 Job Location	Hsinchu , Taiwan	
實習訓練目標 Target of Internship	According to the current situation and problem needs of manufacturing customers, we plan Industry 3.5 digital transformation solutions integrated analytic and optimization modules to enhance the enterprise's flexible decision-making ability as well as assist in industrial upgrading.	
內容與期程規劃 Course Schedule	<ol style="list-style-type: none"> 1. Interview to understand domain knowledge and structuring problems in the first 3 months. 2. Development of analytic and/or optimization algorithms and validation in the second 3 months. 3. Assist in the integration and development of decision support system modules in the third 3 months. 4. Introduce industrial applications and fine-tuning in the last 3 months. 	
合作廠商待解決 技術議題 Cooperative & Technical issues	<ol style="list-style-type: none"> 1. Advanced process control in semiconductor manufacturing: developing virtual metrology and run-to-run control via equipment sensing data to improve product yield and shorten the lead time for yield ramping. 2. Abnormal monitoring and prediction for semiconductor automatic material handing system (AMHS): developing abnormal monitoring mechanisms and advanced indicators via real-time transportation data collected by AMHS to support on-site decisions and avoid affecting equipment productivity. 3. Predictive maintenance of semiconductor equipment: developing remaining useful life of equipment parts via equipment sensing data and an define early warning mechanism to arrange maintenance personnel effectively and maximize overall equipment effectiveness while maintaining quality. 	

公司名稱	優利佳金融科技股份有限公司	
Enterprise Name	Eureka FinTech Limited	
職務名稱 Job Title	實習部門 Internshi Department	實習領域 Internship Field
Engineering Director	IT Department	AI (NLP & OCR)
上班地點 Job Location	New Taipei City, Taiwan	
工作條件 Qualification	Major in AI especially to NLP & OCR fields	
實習訓練目標 Target of Internship	Join the development project of AML/KYC platform.	
內容與期程規劃 Course Schedule	AAI Engineer: responsible for the AI system development, NLP design and machine deep learning algorithm development and research. 1.a AI system design, development and test 1.b evaluate the big data and NLP technical trends and solutions. 1.c structure video, image, speech and text input for the analysis and process.	
合作廠商待解決 技術議題 Cooperative & Technical issues	AI application especially in the fields of NLP for news and court judgement content recognition and the OCR input technology.	

公司名稱 Enterprise Name	金泰噴碼科技股份有限公司 ANSER CODING INC.	
職務名稱 Job Title	實習部門 Internshi Department	實習領域 Internship Field
Software engineer	Software development	Research and Development Department
Firmware engineer	Firmware development	Research and Development Department
上班地點 Job Location	New Taipei City, Taiwan	
工作條件 Qualification	Linux C/C++ Program development	
實習訓練目標 Target of Internship	<p>1. Hope to recruit excellent talents through this project and carry out relevant project training. The interns will study the basic skills and software architecture of company's product first, then participate upgrade and maintenance of the products in the mid-term. Finally they could join the company's new product research and development.</p> <p>2. Hope to train more professional R&D talents.</p>	
內容與期程規劃 Course Schedule	<p>1. The first stage: Learn about the company's products, R&D technologies and platforms. Introduce the company's product series. Match different printers and inks depends on materials to get the best product performance. And improve the programming skill on Linux and QT platform.</p> <p>2. The second stage: Maintain and improve the software and firmware of the company product with C/C++ on Linux and QT platform.</p> <p>3. The third stage: Research and development of new products. We hope that at this stage, interns can start to develop new products with the company.</p>	
合作廠商待解決 技術議題 Cooperative & Technical issues	Technical improvement issues for coding printing quality and performance optimization	

公司名稱 Enterprise Name	均豪精密工業股份有限公司 Gallant Precision Machining Co. Ltd.	
職務名稱 Job Title	實習部門 Internship Department	實習領域 Internship Field
智能自動化軟體高級工程師	中科設計中心	應用於高附加價值之智能自動化整廠搬運之無人自走車客製化系統研發設計。如半導體業、面板產業等。
上班地點 Job Location	Taichung ,Taiwan	
工作條件 Qualification	1.熟悉ROS (robot operating system) 2.熟悉 c++ 或 c# 3.有AGV操作經驗 4.科系:機械工程相關,電機電子工程相關,工業工程相關 5.具中文溝通能力佳智能派車系統架構規劃與開發。	
實習訓練目標 Target of Internship	GPM提供開發環境與場域進行人員的培訓與核心模組開發。 1. 累積Robotic Operation System(ROS)系統平台程式應用與模組開發實務經驗。 2. ROS開源社群提供SLAM導航、路徑規劃、自動避障等應用導入，並結合內部軟體設計能量予以優化或是進行客製化演算法開發。 3. 客戶端工廠自動化系統串接實務與軟體模組開發能力建構與培養。	
內容與期程規劃 Course Schedule	1.基於ROS進行無人自走車之系統規劃及開發基於ROS進行無人自走車之系統規劃及開發。 2.SLAM Navigation(2D, 3D ad Vision)整合應用與核心模組及演算法開發SLAM Navigation(2D, 3D ad Vision)整合應用與核心模組及演算法開發。 3.智能派車系統架構規劃與開發	
合作廠商待解決 技術議題 Cooperative & Technical issues	1.持續優化Robotic Operation System(ROS)系統平台程式應用與模組開發 2.ROS開源社群提供SLAM導航、路徑規劃、自動避障等應用導入，並結合內部軟體設計能量予以優化或是進行客製化演算法開發	

職務名稱 Job Title	實習部門 Internship Department	實習領域 Internship Field	人數 Number of People
光學量測系統研發高級工程師	竹科設計中心	開發半導體精密光學量測系統與演算法	1
上班地點 Job Location	Hsinchu City,Taiwan		
工作條件 Qualification	1. Ph.D.in Electrical Engineering, Mechanical Engineering, Systems Engineering, Physics, Optics, or related field. 2. Experience in optoelectronics, sensor technology, microscopy, metrology of microsystems, optics, or systems design. 3. Experience in driving projects that include system concept design, integration, troubleshooting, testing, and transnational joint development. 4. Ability to utilize and quickly learn optical and laser system applications. 5. Knowledge of laser and other optical metrology systems, including interferometry, focus variation, and confocal systems and development - An advantage. 6. Excellent interpersonal, presentation skills, energetic and good English communication skills. 7. Ability to travel domestic and/or internationally - approximately 15%. 8.具中文/英文溝通能力佳智能派車系統架構規劃與開發。 9.科系: 光電工程相關,電機電子工程相關,機械工程相關		
實習訓練目標 Target of Internship	開發半導體精密光學量測系統與演算法		
內容與期程規劃 Course Schedule	1.與國外專業廠商技術合作 2. 研發專案實務訓練/研發專案實務訓練		
合作廠商待解決 技術議題 Cooperative & Technical issues	開發半導體精密光學量測系統與演算法		

職務名稱 Job Title	實習部門 Internship Department	實習領域 Internship Field	人數 Number of People
Senior Engineer of Opto-Mechatronics R&D	Design Center	R&D Opto-Mechatronics system for semiconductor EFA tools	1
上班地點 Job Location	Hsinchu City,Taiwan		
工作條件 Qualification	1. Knowledge of geometric optics, optical design and simulation experience 2. Practical experience in C/C++, C# software development is preferred 3. Practical experience in laser optical system application is preferred		
實習訓練目標 Target of Internship	1. R&D of Solid Immersion Lens for Microscope 2. R&D of Optical beam induced resistance change technology.		
內容與期程規劃 Course Schedule	R&D project practical training		
合作廠商待解決 技術議題 Cooperative & Technical issues	Research and development of optical electromechanical system related EFA tools in the semiconductor field.		

公司名稱 Enterprise Name	普睿思股份有限公司	
職務名稱 Job Title	實習部門 Internshi Department	實習領域 Internship Field
senior researcher	R&D Department	計算藥物化學
senior researcher	R&D Department	人工智慧、生醫影像處理
senior researcher	R&D Department	次世代定序、生物資訊
高級行銷專員	Sales Department	生物軟體行銷與客戶開發
上班地點 Job Location	Hsinchu City, Taiwan	
實習訓練目標 Target of Internship	計算藥物化學、人工智慧、生醫影像處理、次世代定序、生物資訊、及行銷 生物技術軟體設計與行銷	
內容與期程規劃 Course Schedule	<p>A. 根據現今計算生物及智慧醫療產業狀態進行市場分析； B. 將普睿思已經建立泛用的小分子藥物篩選平台，為新功能快速的建立一個MVP(Minimum Viable Product, 最小可行性產品)，以便及時了解市場反應； C. 根據市場客戶的反應，即時修正並提升該產品。 【期程規劃】 1. 市場調查及分析潛在需求： 藉由市場分析、文獻回顧、與了解潛在客戶(大學教授、研究員、或策略合作之商業客戶)，搜尋現在存在的相似產品，了解整體市場概況及客戶的痛點。 2. 設計新功能或升級已有功能： 根據上面分析結果，並參考公司既有的技術，分析規劃新功能或升級已有功能 例如： a. 擴大目前所使用的小分子資料庫 b. 利用不同的分子對接方法(molecular docking)提升平台的篩選速度 c. 利用不同的自由能算法(free energy calculation)提升平台的篩選精度 d. 既有平台架構優化...等 但不限於僅使用公司既有技術，若經過評估可行性及實行成本，也將投入部分公司資源進行新技術開發；該過程需要實習夥伴研讀計算化學、AI輔助藥物篩選的近期發表文獻，並與公司成員一起討論研究，為新技術的開拓墊下穩固的理論基礎。 3. 實作規劃內容並部署： 這部分需要實習夥伴的動手能力，將文獻上的算法實際應用到既有的平台上；普睿思主要開發項目皆為電腦軟體，故實習夥伴不僅可以學到一般的程式設計能力，更有機會了解： a. 設計及規劃電腦軟體 b. 軟體撰寫的分工合作 c. 如何在高效運算伺服器部署及測試軟體 d. 如何監控軟體及算法的穩定性 由於許多計算化學、或基於AI的藥物篩選算法，都隨著文獻發表將程式碼開源，所以有時候僅需要將他人已經"造好的輪子"，整合進普睿思的平台即可。這考驗實習夥伴的規劃整合能力，經過這個訓練實習，夥伴將獲得相對完整的軟體實作能力。 4. 觀察市場反應： 在新功能上架後，分析用戶的反應，提出分析報告。</p>	
合作廠商待解決 技術議題 Cooperative & Technical issues	1. 整合人工智慧及新銳計算生物學技術，以優化並加速小分子藥物篩選的精確度、及速度 2. 如何將大量有價值的次世代定序結果整合入篩選平台 3. 快速的宣傳行銷既有產品，展示公司價值	

公司名稱 Enterprise Name	上銀科技股份有限公司	
職務名稱 Job Title	實習部門 Internshi Department	實習領域 Internship Field
R&D engineers	R & D	智慧機械
上班地點 Job Location	Taichung ,Taiwan	
實習訓練目標 Target of Internship	<p>一、主導研發技術，進行研發、新產品技術評核作業，並教導新進研發人員。</p> <p>二、視人員特質評估擔任管理職務</p> <p>三、派駐外單位主管或高級工程師協助研發、技術轉移之相關工作。</p>	
內容與期程規劃 Course Schedule	<p>1.研究、設計、評估、安裝及維護機械設備、系統與程序，以符合要求</p> <p>2.機械產品開發與驗證</p> <p>3.依製程需求，作設備改善或解決生產問題，並提供技術訊息</p> <p>4.演算法開發</p>	
合作廠商待解決 技術議題 Cooperative & Technical issues	新產品開發、技術提升	