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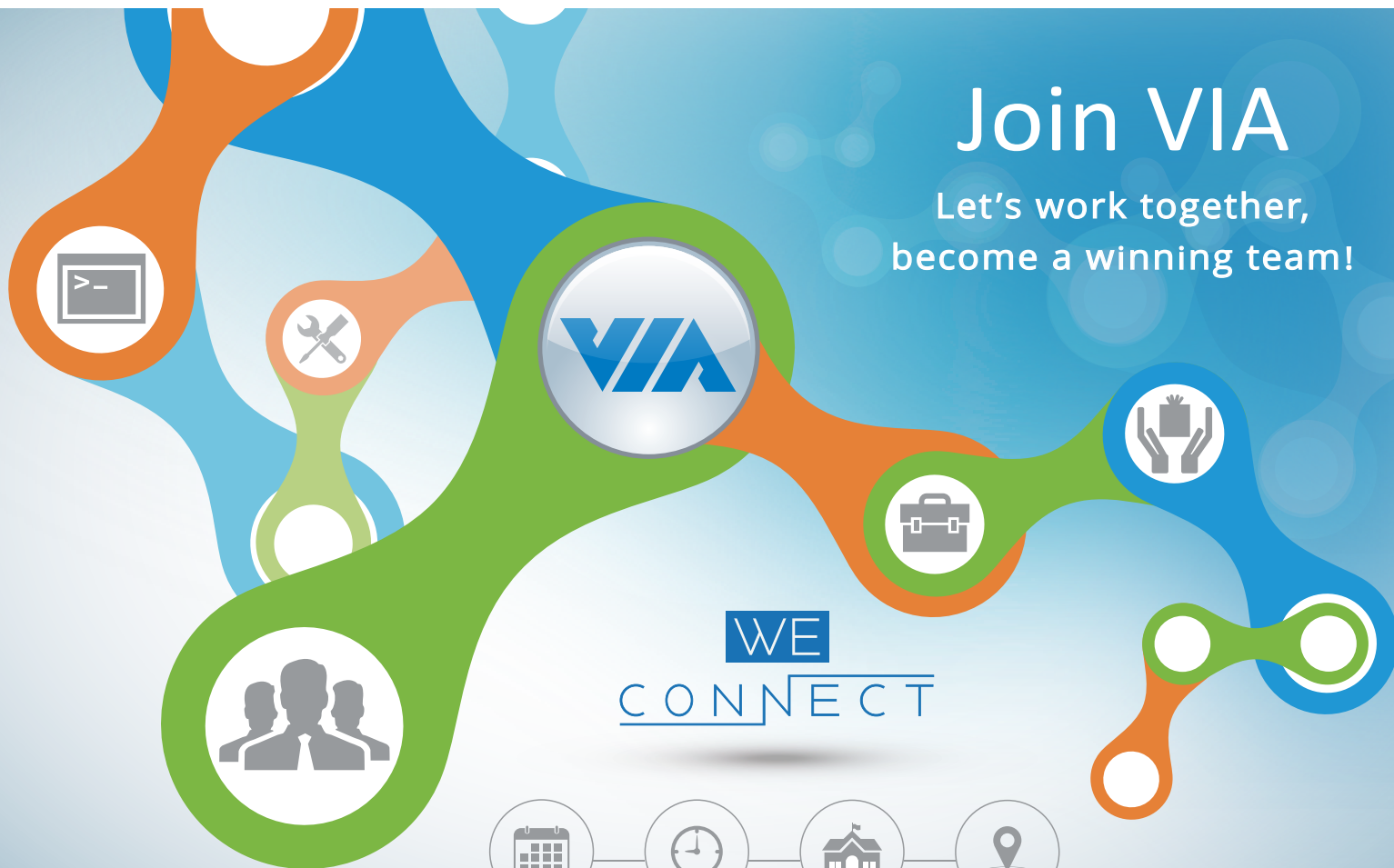
2021

Summer Internship

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Develop new, cutting edge technologies - from proof of concept, to productization.

Influence product design with creative out-of-the-box thinking and ideas.

Experience Asian business culture, practices and lifestyle.

2021 VIA Summer Internship

Open for ● Overseas ● Taiwan

Job Code	Job Title	Job description	Key Technologies Involved	Requirements	Work Location	Openings		
RT001	Software Engineer - Deep Learning/ Computer Vision	1. Prototype and develop Deep learning driven computer vision/imaging algorithms for embedded and mobile platforms. 2. Develop and demonstrate solutions based on VIA's ground breaking ML/DL, and software technologies to customers. Perform in-depth analysis and optimization of state-of-the art ML models to ensure the best performance on current- and next-generation architectures.	The position provides the opportunity to design, implement, productize, and use deep leanring(neural network) driven computer vision algorithms on mobile and embedded platforms.	1. Expertise in deep learning, deep neural networks, convolutional neural networks, random forests, classifiers, feature representations, and/or related techniques 2. Experience with ML/DL algorithms with frameworks such as TensorFlow, PyTorch 3. Proven ability in writing code in Python, C++ 4. Programming experience on Android, Linux platforms, ARM NEON, OpenGL are a plus	Taipei, Taiwan	3	●	●
RT002	Software Engineer - STEM Education	1. Develop AI course cases. 2. Optimize computer vision algorithms and neural network models. 3. Improve user experience and product design.	Machine Learning, Data analysis, Computer Vision, Robotics.	1. Coding experience with Python 2. Have interest in maker or STEM education 3. Experience in Tensorflow or Keras or OpenCV is a plus 4. Experience in Arduino, Scratch, Micro:bit is a plus	Taipei, Taiwan	2	●	
RT003	Software Engineer - AI developer	AI model development/ enhancement and application usage in Industry 4.0 (Factory AI)	1. Computer Vision 2. Object detection & recognition 3. Data engineering 4. Deep learning	1. Good coding skill in C/ C++/ Python 2. Have attended AI related class (i.e., Artificial Intelligence class, Neural Network class, etc.,) in university is more preferred 3. Good in statistics and mathematics 4. Knowledge of open source AI(i.e., TensorFlow, Keras, Caffe/ Caffe 2) 5. Have a passion for learning and applying new technologies	Taipei, Taiwan	2	●	
RT004	Assistant Hardware Engineer -Smart driver recorder	Analyze and solve technical problem, support product validation and manufacturing.	Schematics design and drawing. Good knowledge in SOC system.	1. Major in electrical or electronic engineering 2. Knowledge on analog and digital electronic circuits 3. Strong interest in electronics and circuit design	Taipei, Taiwan	1	●	●
RT005	Software Engineer - RWD and UI/UX Design	1. App/Web UI/UX Design, include wireframe, mockup, flow diagram, storyboard, prototype 2. Sketch, Adobe Photoshop, Illustrator, Adobe XD, Figma 3. HTML5 and CSS3, JavaScript and RWD	1. Web User Interface / User Experience Design 2. Responsive Web Design	1. Familiar with UI/UX design tools 2. Good Skill in Java 3. Good Communication skill	Taipei, Taiwan	2	●	
RC001	Software Engineer - IOT embedded	developing embedded software for Iot devices.	Familiar with computer languages and operation system.	1. Proficient in C and C++. Familiar with Real Time Operating Systems (RTOS) in Linux. 2. Proficient in basic dev tools including but not limited to: bash, gcc, git 3. Knowledge of multimedia engineering and network programming	ShenZhen, China	3	●	●
RC002	Assistant Hardware Engineer - IOT embedded	Analyze and solve technical problem, support product validation and manufacturing.		1. Major in electrical or electronic engineering 2. Knowledge on analog and digital electronic circuits 3. Strong interest in electronics and circuit design	ShenZhen, China	1	●	●

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Job Code	Job Title	Job description	Key Technologies Involved	Requirements	Work Location	Openings	
MT001	Marketing Communications, Social Media, and PR	Create and execute attention-grabbing marketing communications, social media, and PR campaigns to boost awareness of VIA Enterprise IoT, Computer Vision, and Smart City solutions among global customers and media, including initial research, concept development, content creation, customer and media engagement, and data analytics.		Creative thinking is required! Design, graphics, photography, and video skills would also be very useful.	Taipei, Taiwan	4	● ●
MC001					Shanghai, China	2	●
MT002	Global Business Development	Develop and implement innovative business development campaigns to promote VIA Enterprise IoT, Computer Vision, and Smart City solutions to new market segments, including initial market research, database development, online promotion, lead generation, social media, and data analytics.		Strong analytical and communication skills are required.	Taipei, Taiwan	4	● ●
MC002					Shanghai, China	1	●
MT003	Marketing Automation and AI Development	Develop and implement cutting-edge marketing automation and AI applications to simplify existing marketing processes and generate new market intelligence and insights.		Strong programming and analytical skills are required.	Taipei, Taiwan	4	● ●
MC003					Shanghai, China	1	●
MT004	Art Designer	1. Designing graphics, editing images 2. Producing and editing videos 3. Designing marketing materials, such as brochures, product catalogs, and posters	Mastery of industry standard software (Adobe Photoshop, Illustrator, Premiere, After Effects, InDesign)	1. Ability to follow directions and collaborate on projects, good team player and independent creative thinker 2. Excellent time management skills, ability to work within time constraints 3. Ability to work within brand guidelines while remaining interesting and unique 4. Previous experience with graphic design is preferred 5. Basic English skills are a plus 6. Please attach your art portfolio with your application	Taipei, Taiwan	2	●
MC004	PM	1. Responsible for the management of the relevant items of consumer and industrial products, control the quality, cost and progress of the project 2. Responsible for the formulation of project plans, the allocation of project tasks, supervision and tracking of project development progress, the project risk control 3. Responsible for reporting on the progress of the project to the upper level, timely feedback on the problems and solutions in the project 4. Follow-up product EVT / DVT / PVT proofing, and import production, delivery on time 5. Responsible for project delivery	familiar with the commonly used project management tools.	1, full-time undergraduate and above, software engineering, systems engineering, computer science, information engineering and other professional priority 2, a project management experience, familiar with the development process and methods to master the project management process-related norms, a strong organizational capacity of the document 3, with strong logical thinking ability, management ability, judgment and decision-making ability, communication and communication, planning and execution 4, a good team of cooperation awareness, work proactive, strong learning ability; with a strong entrepreneurial spirit and work responsibility, can withstand the pressure 5, with PMP certificate is preferred 6. English four or more listening and speaking proficiency, can correctly understand the client's English information	ShenZhen, China	1	● ●

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MT005	Project Execution	Help to build up online courses for teachers to learn how to apply LearnMode in classes when teaching different subjects.		Microsoft Office and Google drive services, Education related background.	Taipei, Taiwan	1	●
MT006	Marketing Planning	Marketing kits for teachers and parents, design interactive FAQs.		Microsoft Office and Google drive services, Photoshop, Illustrator.	Taipei, Taiwan	1	●
MT007	Data Analysis	User behavior analysis, Usage trend analysis.		Google analytics, SQL, excel.	Taipei, Taiwan	1	●
MT008	Online Course Editor	Optimizing or develop online course for different subject, including Mandarin, English, Math, Science and reading comprehension. The targat audience is elementary school and junior high school students. One intern for each subject.		Microsoft Office and Google drive services, fundamental knowledge for specific subjects, such as Math, Mandarin, English, Science and reading comprehension	Taipei, Taiwan	5	●
MT009	Artistic Designer	Character and graphic design for online course		Photoshop, Illustrator, art or design skill related	Taipei, Taiwan	1	●
MT010	Video Editor	Video shooting, editing and post-production		Professional video editing software such as Premier, After Effect	Taipei, Taiwan	1	●