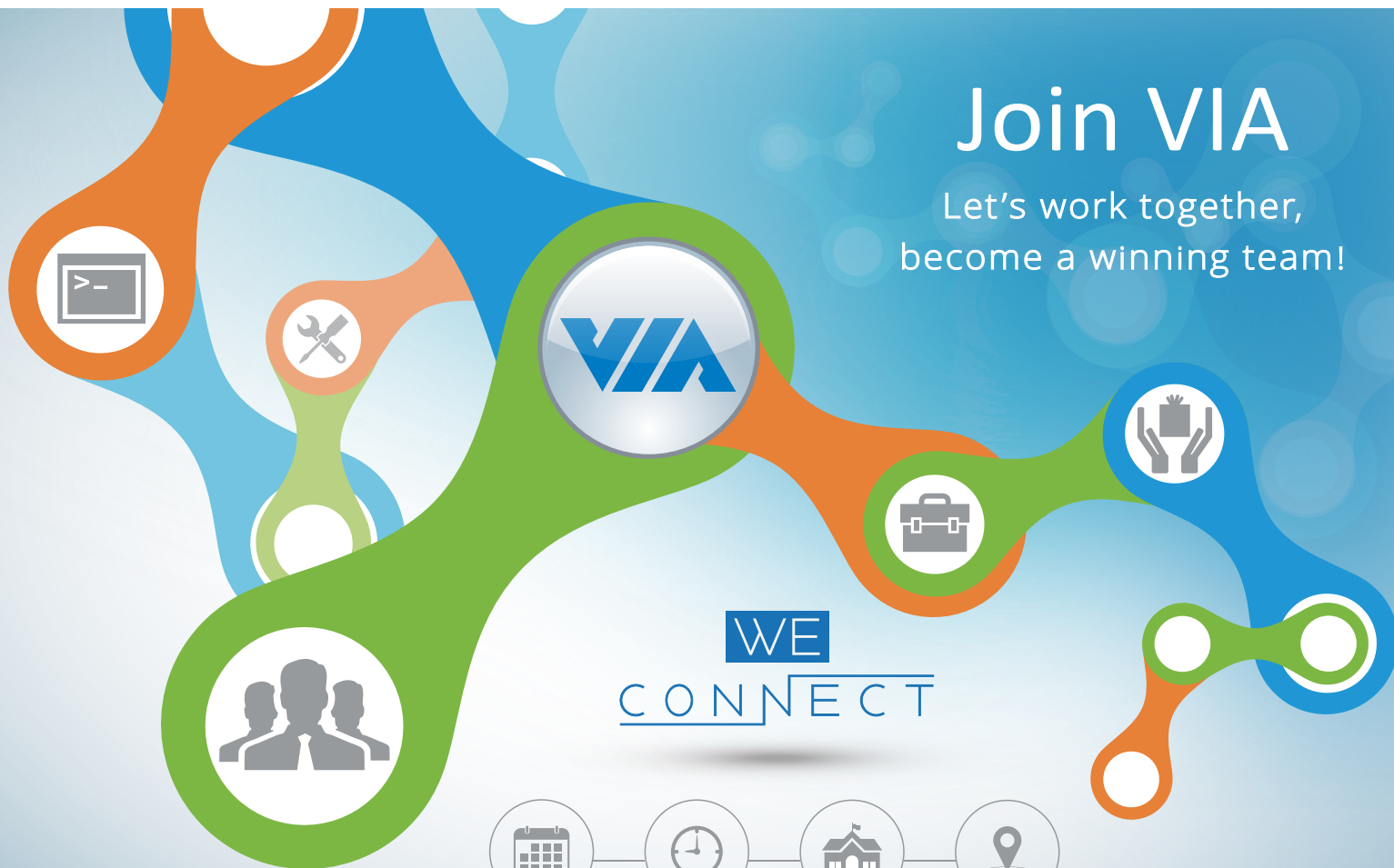# Join VIA

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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.

2022 VIA Summer Internship

Job Code	Job Title	Job description	Key Technologies Involved	Requirements	Work Location	Openings
RT001	Software Engineer - Deep Learning	1. Develop, fine-turne, optimize and customize VIA's DNN solutions to meet customer's or product needs 2. Help study the latest research and innovations in deep learning, implement and experiment with new ideas to improve VIA's soltuion. 3. Build tools that will increase the productivity of teams developing deep learning training or inference software	A good understanding of deep learning based computer vision algorithms	1. Experience in developing or using deep learning frameworks (e.g. TensorFlow, Keras, PyTorch, ONNX, etc) 2. Experience with solving a computer vision task using deep neural networks, such as object detection, scene understanding, image segmentation. 3. Strong python and/or C/C++ programming	Taipei, Taiwan	2
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 HW/ Layout Engineer	1. Assistant Layout for small project or modified. 2. Support HW Debug for customer RMA return board. 3. Support HW/SW function test. 4. HW circuit design. 5. Signal measurement.	1. Layout Tool (Allegro) 2. ARM/X86 architecture. 3. Circuits and Electronics debug capability	1. C language capability. 2. Circuits and Electronics know how. (Electronic related)	Taipei, Taiwan	1
RT005	Assistant HW/ FW Engineer	1. Assistant BIOS function test or modified. 2. Support HW Debug for customer RMA return board. 3. Support HW/SW function test. 4. HW circuit design. 5. Signal measurement.	1. BIOS function test 2. ARM/X86 architecture. 3. Circuits and Electronics debug capability	1. C language capability. 2. X86 Assembly language capability. 3. Circuits and Electronics know how. (Electronic related)	Taipei, Taiwan	1
RT006	Assistant Mechanical Engineer	1. ID Design 2. Mechanical Design	1. PRO-E Creo 2. AutoCAD	1. Engineering Graphics 2. Industrial design	Taipei, Taiwan	1

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Job Code	Job Title	Job description	Key Technologies Involved	Requirements	Work Location	Openings
RT007	Assistant SI/ EMC Engineer	1. EMC design 2. ESD design 3. Signal integrity analysis	1. Sigrity Power SI 2. Sigrity Power DC	1. Electronic circuit 2. Transmission line theory	Taipei, Taiwan	1
RT008	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. Digital Fundamentals 2. Analog Fundamentals	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
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	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.	Shanghai, China	2

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Job Code	Job Title	Job description	Key Technologies Involved	Requirements	Work Location	Openings
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	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.	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	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.	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	3

Contact Information

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Job Code	Job Title	Job description	Key Technologies Involved	Requirements	Work Location	Openings
MC004	Project Management Engineer - IOT embedded	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
MT005	PM assistant	Documentation, product/market information collecting, research, analysis and report.		Department of computer science, information engineering/management	Taipei, Taiwan	1
MT006	Technical Artist	1. Blender 3D model design, use of self-made special effect materials. 2. Image synthesis integration: integrate art resources into Unity or Unreal Engine, adjust visual position and dynamic settings. 3. Solve the problem of art visual technology and improve the game art process. 4. Assist in optimizing the performance and capacity of art in the project.	1. Have 3D related production experience, familiar with Shader, Particle and other technologies. 2. Have professional aesthetics and requirements for art quality.	1. University Department of Fine Arts. 2. Understand Blender/Unity or Unreal Engine. 3. Be proactive and passionate about image vision and dynamic creation. 4. Able to adapt to the fast-paced environment, not repelling. 5. learning other production categories. 6. Good communication.	Taipei, Taiwan	2