Join VIA
Let’s work together, become a winning team!

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.

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<tr>
<td>RT001</td>
<td>Software Engineer - Deep Learning/ Computer Vision</td>
<td>1. Prototype and develop Deep learning driven computer vision/imaging algorithms for embedded and mobile platforms. 2. Develop tools to assist with algorithm development, algorithm testing, and image quality evaluation and validation, etc.</td>
<td>The position provides the opportunity to design, implement, productize, and use neural network driven computer vision algorithms on mobile and embedded platforms.</td>
<td>1. Expertise in deep learning, deep neural networks, convolutional neural networks, random forests, classifiers, feature representations, and/or related techniques. 2. Familiarity with one or more neural network frameworks such as Tensorflow, PyTorch or Caffe.</td>
<td>Taipei, Taiwan</td>
<td>4</td>
</tr>
<tr>
<td>RT002</td>
<td>Software Engineer - STEM Education</td>
<td>1. Develop AI course cases. 2. Optimize image recognition algorithms and neural network models. 3. Improve user experience and product design for kids education.</td>
<td>Machine Learning, Data analysis, Computer Vision.</td>
<td>1. Coding experience with Python. 2. Have interest in maker education for kids. 3. Experience in Tensorflow or Keras or Linux programming is a plus.</td>
<td>Taipei, Taiwan</td>
<td>2</td>
</tr>
<tr>
<td>RT003</td>
<td>Software Engineer - Smart Hospital</td>
<td>Developing smart hospital related function in Android platform.</td>
<td>1. Smart Hospital/Smart Home. 2. Android application field.</td>
<td>1. Good coding skill in Java. 2. Familiar with Android development IDE and Android SDK usage. 3. Ability to interact with other services through APIs. 4. Team oriented.</td>
<td>Taipei, Taiwan</td>
<td>1</td>
</tr>
<tr>
<td>RT004</td>
<td>Software Engineer - AI learning application</td>
<td>AI learning in application field for Industry 4.0.</td>
<td>1. Computer Vision. 2. Face detection &amp; recognition. 3. Deep learning.</td>
<td>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. Knowledge of open source AI (i.e., TensorFlow). 4. Have a passion for learning and applying new technologies.</td>
<td>Taipei, Taiwan</td>
<td>1</td>
</tr>
<tr>
<td>RT005</td>
<td>Software Engineer - Embedded System</td>
<td>1. Contribute their thinking, ideas and creativity to start and optimize the program. 2. Discuss &amp; Analysis with team members throughout the process. 3. Develop the applications to improve the monitoring system using Blockchain knowledge.</td>
<td>Linux / RTOS / Android / Windows environments, device drivers and application development.</td>
<td>Python, Java, C/C++, experience in Windows, Linux, Android, RTOS systems will help</td>
<td>Taipei, Taiwan</td>
<td>1</td>
</tr>
<tr>
<td>RT006</td>
<td>Assistant Hardware Engineer - Smart driver recorder</td>
<td>Analyze and solve technical problem, support product validation and manufacturing.</td>
<td>1. Schematics design and drawing. 2. Good knowledge in SOC system.</td>
<td>1. Major in electrical or electronic engineering. 2. Knowledge on analog and digital electronic circuits. 3. Strong interest in electronics and circuit design.</td>
<td>Taipei, Taiwan</td>
<td>1</td>
</tr>
</tbody>
</table>

Contact Information:
- Serene Lin: Taipei / Taiwan | hr-recruit@via.com.tw
- Hamier Ma: Shanghai / China | HamierMa@viatech.com.cn
- Sarah Sun: Shanghai / China | SarahSun@viatech.com.cn
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| RC001    | Software Engineer - ASR with DNN | 1. Working on the training of acoustic model, researching and improvement of speech decoding algorithm.  
2. Tracing the latest technologies of speech recognition, and apply to projects. | Deeplearning | 1. M.S. or PhD in Computer Science or related field  
2. Master C++ programming.  
3. Be familiar with the theory of speech recognition, such as HMM · GMM model, Viterbi algorithm, WFST, DNN model.  
4. Be familiar with Kaldi platform, experienced in the training of acoustic model.  
5. Good ability in reading paper. | Shanghai, China | 1 |
| RC002    | Software Engineer - NLP | 1. Responsible for the development of language model algorithm.  
2. Tracking technology trend of language model. | Nature language processing | 1. M.S. or PhD in Computer Science or related field.  
2. Expertise in key language technologies, such as speech recognition, machine translation or natural language understanding.  
3. Experience in deep machine learning and related toolkits.  
4. Ability to design and implement experiments using scripting languages, e.g. Python, Lua, Perl, bash scripting, etc. is a plus.  
5. C/C++ programming knowledge preferred.  
6. Experience working with standard NLP toolkits preferred, e.g. Kaldi, Moses, SRILM, RNNLM, etc. | Shanghai, China | 1 |
| RC003    | Software Engineer - Compiler | 1. AI tool-chain including compiler, assembler, debugger, emulator, etc.  
2. Implement and apply Deep Learning/AI. | Deeplearning / Tensorflow / Caffe2 | 1. M.S. or PhD in Computer Science or related field.  
2. 2+ years of experience in compiler areas such as LLVM, GCC.  
3. Experience in developing parallel compilers (NVCC, etc).  
4. Experience in computer architecture and performance optimizations.  
5. Understanding of DNNs, CNNs.  
6. Experience working with one or more deep learning frameworks such as Tensorflow, Caffe2, Caffe etc. is a plus. | Shanghai, China | 1 |
2. Proficient in basic Dev tools including but not limited to: bash, gcc, git.  
3. Knowledge of multimedia engineering and network programming. | ShanZhen, China | 3 |
| RC005    | 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. | ShanZhen, China | 1 |

Contact Information

Serene Lin  
hr-recruit@via.com.tw  
Taipei / Taiwan

Hamier Ma  
HamierMa@viatech.com.cn  
ShenZhen / China

Sarah Sun  
SarahSun@viatech.com.cn  
Shanghai / China
## 2020 VIA Summer Internship

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<td>MT001</td>
<td>Marketing Communications, Social Media, and PR</td>
<td>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.</td>
<td>Creative thinking is required! Design, graphics, photography, and video skills would also be very useful.</td>
<td>Taipei, Taiwan</td>
<td>4</td>
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<tr>
<td>MC001</td>
<td>Art Designer</td>
<td>1. Designing graphics, editing images 2. Producing and editing videos 3. Designing marketing materials, such as brochures, product catalogs, and posters</td>
<td>Mastery of industry standard software (Adobe Photoshop, Illustrator, Premiere, After Effects, InDesign).</td>
<td>Taipei, Taiwan</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>MT002</td>
<td>Global Business Development</td>
<td>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.</td>
<td>Strong analytical and communication skills are required.</td>
<td>Taipei, Taiwan</td>
<td>4</td>
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<tr>
<td>MC002</td>
<td>Online Education Marketing Intern</td>
<td>1. Plan and execute on-line/off-line promotion activities. 2. Web site banners and activities’ EDM design. 3. User interview and produce related articles and videos. 4. Social media Fans page management and use AI tools to increase efficiency. 5. Web design (wordpress).</td>
<td>Adobe Photoshop, Illustrator, Premiere, wordpress.</td>
<td>Taipei, Taiwan</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>MT003</td>
<td>Marketing Automation and AI Development</td>
<td>Develop and implement cutting-edge marketing automation and AI applications to simplify existing marketing processes and generate new market intelligence and insights.</td>
<td>Strong programming and analytical skills are required.</td>
<td>Taipei, Taiwan</td>
<td>4</td>
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<td>MC003</td>
<td>Art Designer</td>
<td>1. Producing and editing videos 2. Designing marketing materials, such as brochures, product catalogs, and posters</td>
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<td>Shanghai, China</td>
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<td>MT004</td>
<td>Online Education Marketing Intern</td>
<td>1. Plan and execute on-line/off-line promotion activities. 2. Web site banners and activities’ EDM design. 3. User interview and produce related articles and videos. 4. Social media Fans page management and use AI tools to increase efficiency. 5. Web design (wordpress).</td>
<td>Adobe Photoshop, Illustrator, Premiere, wordpress.</td>
<td>Shanghai, China</td>
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<td>MT005</td>
<td>Online Education Marketing Intern</td>
<td>1. Plan and execute on-line/off-line promotion activities. 2. Web site banners and activities’ EDM design. 3. User interview and produce related articles and videos. 4. Social media Fans page management and use AI tools to increase efficiency. 5. Web design (wordpress).</td>
<td>Adobe Photoshop, Illustrator, Premiere, wordpress.</td>
<td>Shanghai, China</td>
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### Contact Information
- Serene Lin: hr-recruit@via.com.tw
- Hamier Ma: HamierMa@viatech.com.cn
- Sarah Sun: SarahSun@viatech.com.cn
## Job Code: 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.

### Key Technologies Involved
- Familiar with the commonly used project management tools.

### Requirements
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.

### Work Location & Openings
- Shenzhen, China
- Openings: 1