**Summer Intern 2021**

Ref: umec20210429

At UMEC, we innovate the AI technologies and change the way businesses operate and people live. We are now inviting high calibre candidates to join our R&D teams in 2021 Summer.

Programme Period: 8 weeks during June to August

During the 8-week internship, you will have the opportunity to work side-by-side with industry leaders and build the skills you have learned in the classroom. You will be guided to work with the teams in some of the following areas:

* Carry out research and development on innovative machine learning and deep neural network applications;
* Machine learning algorithm analysis, data set training and modeling;
* Perform algorithm evaluation and quality assessment;
* Optimize DNN algorithms for FPGA and software implementation;
* Support FPGA and/or IC implementation;
* Develop software modules for CPU and embedded platforms;
* Data collection and cleaning;
* Develop product prototype for various AI applications.

Requirements:

* University undergraduate in Computer Science, Electronic Engineering or relevant disciplines;
* Sound knowledge or course project experience in one or more of the following areas:
* AI, computer vision, object classification, background modelling, and relevant subjects;
* Computer architectures, embedded systems, design and analysis of algorithms;
* Signal processing, image/video processing;
* UI/UX design for AI applications.
* Proficiency in C/C++ and Matlab programming preferred;
* Knowledge of Python, PyTorch/TensorFlow/Caffe, FPGA design, embedded system, or open source tools including CUDA, OpenCV, FFMPEG, etc is a plus.

How to apply?

Interested parties please send your application to hr@umechk.com with detailed resume by email. Only short-listed candidates will be contacted.

All data provided will be kept in strict confidence and will be used for employment related purpose.