

## Job descriptions for SmartMore HK

### 1. Software Engineer -Windows/Mac

#### Responsibilities:

- Responsible for software development of applications for Super-Resolution in OS platforms such as Windows, Mac;
- Customize software according to the specific needs of customers;
- Perform unit tests on the software developed and prepare and submit the unit test report;
- Coordinate with the engineering, sales and marketing teams to ensure specific requirements are met;
- Support the released software.

#### Requirements:

- University graduate in Computer Science/Computer Engineering or related fields;
- At least 2 years of software development experience;
- Proficient in programming with knowledge in C++, C# or Java;
- Solid Knowledge of Windows, Mac OS X platforms;
- Experience in programming using JavaScript, Python, Perl, PHP, HTML5, CSS is an added advantage;
- Experience with QT GUI development will be a plus;
- Knowledge of Android and/or iOS platforms is preferred;
- Possess good analytical and interpersonal skills;
- Fast and self-motivated learner;
- Good command of English, Cantonese and Mandarin.

**Interested parties, please submit your CV via email to Miss Mak at [anky.mak@smartmore.com](mailto:anky.mak@smartmore.com) on or before 14 November.**

## 2. C++ Engineer

### Responsibilities:

- Responsible for AI-related basic tool development;
- Responsible for system development, overcoming technical difficulties and performance optimization.

### Requirements:

- CS-related major, with good programming skills and habits, familiar with C/C++ and C++ common modes;
- Possess good software architecture capabilities, and be able to independently design low-coupling, easy-to-expand, and testable software architecture;
- Familiar with either gcc, clang or visual c++ compiler, proficient in using cmake, git, gdb and other tools;
- Understand common software performance issues and be able to use tools to locate hotspots.

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### 3. AI Engineer

#### Responsibilities:

- Computer vision key algorithm research and development, including object detection, classification, segmentation, fine object classification and other core algorithm research and development;
- Deep learning related model network design, optimization and related deployment;
- Computer vision / digital image processing / graphics key algorithm development and embedded platform optimization.

#### Requirements:

- Master's degree or above in computer science, information automation, applied mathematics or other related majors preferred;
- Familiar with theoretical knowledge and practical skills related to computer vision and deep learning;
- Familiar with the applicable scenarios and usage methods of various typical CNN networks, familiar with one or more mainstream deep learning frameworks, such as TensorFlow, Caffe, MXNet, PyTorch; or proficient in digital image processing, graphics related algorithms;
- Have a solid foundation in mathematics and programming, proficient in C++, CUDA, Python, etc.

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