Software Engineer @ SenseBrain Technology

Redefine mobile photography with AI+Sensor！http://www.sensebrain.ai

We are SenseBrain!

We work closely with major image sensor manufacturers and smartphone makers on AI camera system integration. Through our R&D capabilities that span customized ISP designs, 3D imaging, and system-level joint optics-electronics-algorithm optimization, our computational photography solutions can allow users to easily capture professional-grade photos using a smartphone.

We are looking for extraordinary engineers to work on the image/video quality enhancement on mobile phones. You would work on core camera/ISP algorithm development and deployment. You have the chance to work with top-tier mobile phone makers worldwide to define the next-generation of photo/video capture experience. The team is dynamic, fast-paced, and requires a self-motivated attitude. All levels are available.

What you will achieve:

- Craft cutting-edge AI-powered computational photography algorithms on mobile devices to unleash the creativity of millions of smartphone photographers.
- Root yourself in the core ecosystem of the AI technologies, including deep learning model development, compression, acceleration, and deployment on the edge.
- Collaborate with top-notch researchers in academia and industry to lead the frontier of deep learning-powered computational photography

Responsibility:

- Prototyping and implementing computer vision and deep learning algorithms on mobile systems
- GPU, CPU, DSP acceleration on mobile devices. SSE, Neon, OpenCL programming
- Senior level engineers will lead multiple research engineering projects and manage the engineering team to meet the delivery schedule.

Requirements

- B.S./M.S./Ph.D. in CS/EE or related areas
- Fluent in C++ and Python. Neon/OpenCL/DSP programming skill is a big plus.
- Familiar with image processing algorithms.
- Familiar with one of the mainstream deep learning framework (e.g., PyTorch, Caffe, or TensorFlow) and conventional computer vision framework (e.g. OpenCV).
- Familiar with basic image processing concepts.
- Strong teamwork and interpersonal skills

How to Apply:

- Submit your cover letter and resume at https://www.sensebrain.ai/#openings