Internships @ 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 motivated interns 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 world top-tier mobile phone OEMs to define the next-generation of photo/video capture experience.

What you will achieve:

- Crafting cutting-edge AI-powered computational photography algorithms on mobile devices to unleash the creativity of millions of smartphone photographers.
- Rooting yourself in the core ecosystem of the AI technologies, including deep learning model development, compression, acceleration, and deployment on the edge.
- Collaborating with top-notch researchers in academia and industry to lead the frontier of deep learning-powered computational photography
- Publishing your original research and present the work at conferences and events.

Responsibility:

- Work with scientists and engineers to design and develop innovative algorithms and solutions for new challenges in 3D computer vision, deep learning, and computational photography/imaging.
- Assist scientists and engineers to build physical proof-of-concept imaging system or demos on mobile platforms.

Requirements:

- Currently enrolled B.S./M.S./Ph.D. student in CS/EE/Optics or related areas
- Fluent in C++/Python
- Familiar with mainstream deep learning framework (e.g., PyTorch, Caffe, or TensorFlow) and conventional computer vision framework (e.g. OpenCV).
- Strong teamwork and interpersonal skills

How to Apply:

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