Computer Vision System Engineers

Gatekeeper Intelligent Security is looking for talented Computer Vision system engineers (both junior and senior positions) with expertise in LabVIEW, C/C++ and the OpenCV computer vision library. Must be hands-on with ability to rapidly develop and test prototype system solutions addressing challenging imaging problems. Required experience with machine learning, image processing, and deep learning. Must be familiar with imaging and electro-optical hardware, electronics, optics, and have a good understanding of the performance metrics of optical sensors. Desired experience and familiarity with image processing algorithms such as image enhancements, image stitching, object detection and tracking, optical character recognition (OCR), facial detection and recognition. Strong software development experience and proficiency in building, deploying, documenting, and maintaining lean, re-usable, scalable and thoroughly tested applications. Targeted hardware spans from low-power single board computers (SBC) to high-performance multi-core servers. Additional experience in deploying such applications across a distributed networked architecture would be highly desired.

The candidate will work closely with a team of bright engineers to prototype and productize our next generation of world-leading intelligent optical inspection and recognition systems. Candidates must be available to work on-site at our Newtown, Pennsylvania R&D Center.

Top Reasons to Work at Gatekeeper

- Be an integral member of a world-class team of highly talented Engineers with cutting edge technology

- Make an impact developing the industry's most innovative intelligent optical imaging systems

- Our company is growing rapidly with our best-in-class products in demand across the globe

- Great competitive salary

- Full Benefits (including company-paid health, dental, and 401K match)

- Casual, highly collaborative culture and dynamic work environment. We work hard and have fun.

Qualifications

- BS, MS, or Ph.D. in computer science, electrical engineering, software engineering, computer engineering, or a related field (top tier Engineering University preferred)

- Proficient with LabView, OpenCV, C/C++ and MATLAB modeling

- 3 to 15 years of experience as computer vision software developer, developing cutting edge image processing algorithms

- Porting of image processing and deep learning algorithms across a networked architecture would be a significant plus

- Creative individual, collaborative team player, and self-starter

- Must have an entrepreneurial drive and start-up mentality

- Strong communication skills