



Job Title: Machine Vision Software Engineer

Period: Full Time

Job purpose:

We are looking for talented people to design, develop and deploy our state-of-the-art computer vision and deep learning algorithms for our software platform. As a machine vision software engineer, you will be developing super modular video acquisition and processing systems for VR/AR and machine vision applications. You will get an hands on experience by working on modern cameras to build systems which can capture, process and store VR content in real time.

Duties & Responsibilities:

- Includes development, writing code and documenting the functionality.
- Integrating software components in different platforms.
- Implementing state-of-the-art Computer Vision and Machine Learning algorithms.
- Integrating softwares with camera hardware interfaces.
- Deploying functional software with operational specifications.
- Understanding different platforms and able to develop applications.
- Software includes user interfaces.
- In compliance with coding standards

Required Skills & Experience:

- Hands on experience in designing software applications.
- Solid skills in C, C++ and Android.
- Ability to develop softwares using Object Oriented Programming is a plus.
- Ability to develop applications on Linux. Windows platform is a plus.
- Experience in developing an end-to-end software.
- Experience in implementing computer vision algorithms on advanced hardware platforms.
- Experience in developing embedded computational platforms including hardware-accelerated platforms such as FPGAs, GPUs, and real-time CPUs
- Experience in Path Planning and/or Positioning systems
- Experience with Matlab, C, C++
- Must have strong mathematics skills

Desired Skills & Experience / Bonus Points:

- Past experience or Open Source Contribution in related areas.
- Video capture and camera pipeline processing experience
- API library design experience
- High Performance Computer & Cluster experience
- Experience with STL and Boost libraries
- OpenGL/OpenCL/CUDA experience

Minimum Qualifications:

- 2+ years of industrial/academic experience with design,development, or programming of machine vision software for autonomous vehicles or robotic machinery

How to Apply

Send your resume and portfolio (if possible) to careers@dreamvu.com