



**Job Title:** Camera Software Engineer

**Job purpose:**

We are looking for talented people to design, develop and deploy high quality software components for our camera systems. As a camera 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 CV/ AI algorithms.
- Integrating softwares with camera hardware interfaces.
- Deploying functional software with operational specifications.
- Understanding different platforms and able to develop applications.
- In compliance with coding standards
- Develop, implement and test vision based software algorithms
- Support development of application level software
- Lead a team of software engineers, front-end software engineers etc.

**Required Skills & Experience:**

- Hands on experience in designing software applications.
- Solid skills in one or more general purpose programming languages including but not limited to: Java, C/C++, C#, Objective C, Python.
- 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.

**Desired Skills & Experience / Bonus Points:**

- Past experience or Open Source Contribution in related areas.
- Experience working low latency and high data throughput applications.
- Video capture and camera pipeline processing experience.
- Network/Socket Programming.
- API library design experience.
- High Performance Computer & Cluster experience.
- Experience with STL and Boost libraries.
- OpenGL/OpenCL/CUDA experience.
- Camera frameworks experience.
- experience with RGB and 3D depth sensors.
- experience with embedded code development in c/c++

**Minimum Qualification:**

- Required expertise in Algorithms, Data structures, software engineering, distributed systems, database systems, Operating Systems.
- Bachelor's degree in Computer Engineering or related field.
- Minimum 4 year of experience in camera software development or equivalent project.

**Period**

Full Time

**How to Apply**

Send your resume and portfolio (if possible) to [careers@dreamvu.com](mailto:careers@dreamvu.com)