

Computer Science Internship

Location: Windsor, California

About Micro-Vu

Micro-Vu is an automation company specializing in 3D measuring and robotics. Micro-Vu engineers use technologies such as 3D software, image processing, precision mechanics and motion control, lasers, tactile probes, 3D sensors, machine learning and robotics to develop state-of-the-art solutions.

Micro-Vu designs and manufactures in a highly-automated factory at its campus in Windsor, California near the Russian River. Micro-Vu was established in 1959 and is privately-held. Those who work at Micro-Vu must be highly-motivated, capable and passionate about bringing the best possible products and technologies to the market.

Role of an Intern

The most common role for a software engineering intern is coding in C# and .NET using Visual Studio. Micro-Vu uses an agile software development process where you will be given a task to complete in one or two weeks. Pair programming is common--especially at the beginning of an internship.

Other roles may involve coding in other languages like Python and C++. Projects are constantly varying, so the available roles depend on the projects available at that time.

Required Qualifications

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- Pursuing a degree in Computer Science or Software Engineering
- Strong software development skills
- Excellent algorithms skills, and ability to write efficient code
- Strong complex problem solving, system and methods improvement skills
- Critical thinker
- Passion for solving unstructured and non-standard mathematical problems
- High aptitude for computer science and/or software engineering
- Ability to write and commit relatively large amounts of quality code in languages such as C#, Python, C++ or Java

Education

Current Student in Computer Science, Software Engineering, or equivalent. Freshmen considered.