

Software Engineer

Central Liverpool – office based Occasional travel

Ultamation creates software for high-end smart homes. We have a reputation for the reliability of our products and the effectiveness of our customer support. This is built upon us practicing the principles of writing maintainable code. Our customer support is held in good regards amongst our customers because they get to talk directly to the engineers who wrote the software.

This reputation has allowed us to build long standing partnerships with other companies in the industry. Most notably Crestron, an American manufacturer of home & office automation systems, and Bluesound, a Canadian Hi-Fi company. Having rapport not just with engineering but also with marketing, sales, and other departments in these companies is essential to delivering solutions that meet the desires of end users.

Our main focuses are integrating devices into Crestron smart home systems and developing the embedded software for Bluesound. Our work extends beyond these areas, and we encourage everyone to voice new ideas. This ethos has produced innovative projects within the company.

We take pride in seeing the tangible results of our work, from testing with high-spec hardware in the office to being used in award-winning projects. Our products have been used in homes around the globe, ranging from skyscrapers like One Sydney Harbour to listed Mansions such as Gayton Hall on the Wirral.

TECHNICAL DUTIES

- Design and development of software products, focused on the audio video, and residential automation market such as device drivers, HiFi software, and IoT.
- System design – understanding requirements and translating them into proposals/design/effective solutions.
- Develop fluency in control system programming (proprietary solutions).
- Technical problem solving, fault finding, software debugging.
- Technical support – assisting with customer support issues/questions. Fast, friendly and effectively.
- Development Operations – assisting in the maintenance of effective software engineering tools and best practice (Testing, Code Review, CI, CD, etc.)

TECHNICAL SKILLS

- **C# or another object-oriented language** **ESSENTIAL**
- Go
- Version control (Git)
- Code reviews of your own and other people's code
- Test-driven development principles
- Using and creating CI/CD pipelines

PROJECT MANAGEMENT

Where directed, to take ownership of projects or sub-projects and manage the delivery of those streams in a professional, high-quality manner.

PERSONAL SKILLS

Prioritise tasks, and work calmly and diligently under pressure **ESSENTIAL**

Ultamation has a relaxed working environment in which staff enjoy a large degree of autonomy over their working day. There are plenty of opportunities to have fun with technology, so personal discipline is essential.

Strive for excellence **ESSENTIAL**

We look for high throughput, a passion for quality, meticulous attention to detail, and a positive, proactive, can-do approach.

Communicate effectively **ESSENTIAL**

With manufacturers, with clients and, just as importantly, with other members of staff.

Writing and presentation skills **ESSENTIAL**

Attention to detail, concise, correct and appropriate English, presented clearly and tastefully.

An interest in technology, so personal development comes naturally **ESSENTIAL**

Training is arranged where appropriate, but many skills are acquired on the job and through private study. We expect any candidate to strive enthusiastically to be an expert in all aspects of their work. We have a reputation for being the best in our industry, and it is imperative we maintain it.

HOW TO APPLY

Send a CV and a cover letter to info@ultamation.com