

FIRMWARE ENGINEER

Early is looking for a talented **Firmware Engineer** to join our mission to enable people to live longer, healthier lives by providing early detection of serious illnesses. We are a multidisciplinary team of world-class scientists, engineers and designers and we build products designed to test for serious health conditions in the comfort of their own home.

Your main tasks will be to:

- work with our existing firmware engineer to design and develop the firmware for a low-power wireless device.
- prioritize, prototype and ship features to meet the fast-changing needs of an early-stage startup. Be a go-to expert in firmware development for the company and communicate proactively about timelines and realistic expectations for your area of work. Work with us to develop the processes that will help you do your best work;
- write efficient, testable and well-structured code;
- check in code and seek review regularly, and assist in code review for others. Actively document and present/teach about your designs and ideas.

Your experience

- a minimum of 5 years experience in professional software development;
- previous involvement in regulated In Vitro Diagnostic (IVD) development, including operating under ISO13485 and IEC62304;
- experience with Real-Time Operating Systems (RTOS) and bare-metal development;
- previous experience in developing secure firmware for wireless communications

Your skills

- proficiency in embedded C and/or modern C++ (e.g. object-oriented design)
- experience with version control tools and Continuous Integration (CI) pipelines;
- good working knowledge on common communication protocols (I2C, SPI, UART, etc)
- excellent programming and coding skills, with attention to detail and code quality
- write and maintain clear documentation;
- strong interpersonal skills and teamwork within a highly-collaborative environment
- able to communicate effectively across disciplines

Personal Attributes

- Driven: passion for making a positive impact in the field of healthcare and a dedication to Early's mission of early detection of serious illness;
- Analytical: strong critical thinking abilities;
- Adaptable: willingness to learn and apply new technologies and techniques;
- Collaborator: loves working with diverse experts as part of a multidisciplinary team;
- Proactive: self-motivated with a strong sense of accountability;
- Results-Focussed: Track record of delivery of key milestones

Languages

- English – Professional or Native

Remuneration

- Competitive Salary + Options

Place of Work

- Kings Cross, primarily in the office

Annual Leave

- Enjoy a generous 25 day holiday allowance, in addition to bank holidays.

Other Benefits

- Health Insurance
- Pension Scheme
- Cycle-to-Work Scheme
- Season Ticket Loan
- Central London Location: Work in the heart of London, enjoying convenient access to excellent transportation links, diverse culinary options, cultural attractions, and vibrant city life.
- Social Events and Team Building: Engage in regular social events, team-building activities, and celebrations to foster a sense of camaraderie, connection, and community within our central London workplace.

How to Apply

- We encourage all individuals who believe they have the skills necessary to thrive to apply for this role, even if they don't meet 100% of the job requirements.
- To apply for this job, please send your CV to jobs@earlyhealth.com.