

Embedded Software Engineer

Asymptote is currently embarking on an innovative project to develop a family of new, disruptive medical devices in the field of cryopreserved regenerative medicines. We are looking for a talented and driven embedded software engineer to join our small team of full-time, multi-disciplinary engineers to bring these new products from inception to market.

We work on a varied set of problems, encompassing all areas of cryopreservation: There is always an interesting problem to be solved, in which the solution is usually found by rapidly combining both software and prototype electronics. If something proves difficult, we draw on the combined knowledge of all members of the team to work out a solution.

Job requirements

- Degree in Computer Science or similar
- Experience writing using C, C++ or similar
- Proven problem solving ability

Beneficial

- At least a year's experience working with embedded devices
- Experience of real-time embedded software for resource-constrained devices
- Knowledge of the GCC suite of tools, particularly for ARM MCUs
- Experience interfacing embedded devices with internet services
- Demonstrable interest in embedded systems engineering and the physical sciences

About us

Asymptote is a Cambridge UK based company that specialises in the development and supply of cryo-chain equipment and consumables for use in regenerative medicine and other biological applications. Its team comprises biologists, engineers, industrial designers and physicists all working together to enable the company to address the numerous challenges of successful cryopreservation. Asymptote is developing a suite of products to enable an end-to-end cryo-chain (freezing, storage, shipping and thawing) in a tightly controlled repeatable and regulatory compliant way.

With this goal in mind, Asymptote now has a range of GMP compliant liquid nitrogen free controlled rate freezers, and is currently launching a range of thawing devices to allow clinicians to reliably thaw their therapies. Our equipment also links up to our my.CryoChain cloud platform, which gives our customers a complete overview of their equipment and processes. For further information, visit www.asymptote.co.uk