

**Graduate Embedded Software Engineer**

Our engineers create software that enhances our customers lives; they problem solve, learn new skills and strive to be better people.

**What does the job entail?**

We primarily design, write, test, and deliver embedded software solutions for passenger transportation within the stairlift industry. Our expertise is in motion control, sensor algorithms, board level communications and safety critical software solutions; the role you will lead is hands on and involves software design and development for electromechanical devices and machines.

The team you will work with are part of a wider engineering team and ultimately develop and deliver new products to production. We also support our existing ranges with new features and upgrades. Because of our product coverage and interaction with mechanical, electronic, and test teams, you will naturally experience diversity within the role.

**What experience are we looking for?**

We’ll expect you to be degree qualified in software, electronics, robotics or similar and have experience in embedded systems with C, or C++. This will be demonstrated through course modules or completed projects.

The nature of our products requires a good knowledge and mind for electromechanical systems; the software team are often the ones that diagnose system design issues, and provide suggestions for system solutions with software.

As a team we are primarily experienced in design and development of embedded systems, but hold a wealth of experience in various computing languages and software techniques; we see this as a strength that has aided our solutions with high levels of instrumentation and test applications, or scripts for increased operational efficiency within Engineering department; this has made for a great and diverse learning environment within the team.

We expect you to be proactive, driven to deliver and a great communicator with our colleagues, in written and spoken English. As a candidate for the role, you be able to demonstrate experience in:

* Embedded systems and development of software for microcontrollers.
* Desirable - Knowledge of electric motors, communications and motor control systems.
* Updating and maintaining design documentation.
* V-Model process (or similar), debugging, version control, unit testing, bug tracking, continuous Integration, software build environments and similar is required.
* Strong delivery skills: a huge drive to get projects completed and shipped.

**What is it like to work at Stannah?**

We are a private family-owned company where staff are treated as a member of the family. Stannah’s approach is to invest in people and tools to ensure our products meet market, standards, and customers expectations upon design and performance.

We are award winners for Investors In People and regularly train staff to ensure correct skills for the job, and to allow investigation for new avenues of development. Our facilities are continually invested in to provide a good working environment which is appealing and productive.

Throughout Stannah our staff are friendly, approachable, diverse and committed to producing quality products to aid our customers mobility.

**Our Package**

We do our best to treat all our staff equally and offer employees the following perks:

* Quarterly Performance Bonus
* Health Cash Plan through SimplyHealth
* Competitive Salary
* Competitive Pension; up to 8% put in by Stannah.
* Stannah Rewards Scheme; Discounts from 1000s of retailers.
* 25 Days holiday + Bank Holiday; with the option to buy up to a further 5 days.
* Flexible working catered to individual needs including remote working.
* Early finish Fridays.
* Latest technology and state of the art facilities.
* On-site subsidised canteen.
* Commutable; Easy access from London, South Coast & South West.
* Social club offering lots of trips throughout the year.