

# Senior Software Engineer / UI Engineer at Numatic International Ltd, Chard

We are looking for an experienced UI software developers with a background or interest in mobile robotics.

This role involves working in a R&D department developing software and a UI for an autonomous mobile robotic system which uses cameras and Lidars along with other sensors for navigation. This role will require experience translating sensor data to display real-time on the UI, an interest or experience in robotics is also beneficial. A confident communicator is a must, along with flexibility to travel when required.

In return you'll be rewarded with working on cutting edge projects where you can flex your creative muscles to solve problems and come up with creative solutions that you will have the opportunity to implement.

Relocation and some remote working can be considered for this role.

## Responsibilities and Duties:

- Act as points of contact for information regarding design activities within software
- Communicate progress and requirements to relevant stake holders
- Software development
- Produce and maintain detailed specifications, objectives and requirements documentation throughout the development life cycle
- Produce detailed designs to meet project/ task requirement
- Validate design performance, requirements and system integration through testing
- Provide significant technical input into all aspects of design work, providing technical advice to managers
- Ensure an optimised solution is developed to support continuous improvement
- Ensure attention to detail, rectification of design errors is considered when engaged in design work
- Develop working relationships to ensure team operate in line with Numatic Internationals values and work collaboratively with internal colleagues and stake holders
- Demonstrate role model behaviour with regards to colleague engagement, ensuring personal visibility and accessibility

## Skills:

- Able to work independently and as part of a team, using own initiative
- Strong prioritisation skills with ability to manage competing demands
- Excellent communication skills, ability to communicate verbally, written and via presentation according to the audience

## Experience/Knowledge:

Essential:

- Degree level education or relevant knowledge through work experience
- A minimum of 5+ years' experience in UI/ software engineering
- Java
- JavaScript
- Python/ Django
- HTML/ CSS
- WebSockets
- Python
- C/ C++

Desired:

- Version control such as; Git, SVN etc
- Mobile robotics
- SLAM/ Path planning
- Navigation algorithms
- Computer vision
- Signal processing
- Linux OS
- Robotics/ real time communication
- Sensors / motion control / cameras

**Salary: £35,000- £45,000 DOE**

## How to apply

Please send your CV and covering letter to [jobs@numatic.co.uk](mailto:jobs@numatic.co.uk)

