

Senior Software Engineer

at Numatic International Ltd, Chard

About the role:

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

This role involves working in our R&D department developing autonomous mobile robotic systems, using cameras and Lidars along with other sensors to enable the robot navigation. This role will require a good grasp of mathematical concepts such as kinematics and control systems and embedded programming experience would also be 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.

About the role:

- Act as points of contact for information regarding design activities within software
- Communicate progress and requirements to relevant stakeholders
- Software development
- Produce and maintain detailed specifications, objectives and requirements documentation throughout the development life cycle
- Produce detailed designs to meet project/ task requirements
- 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
- Fully implement all changes to process, methodology, environment and practice within the department in a positive support manner
- Handle difficult tasks or assignments
- Develop working relationships to ensure team operates in line with Numatic International's values and work collaboratively with internal colleagues and stakeholders
- Advise of developments within the software team
- Demonstrate role model behaviour with regards to colleague engagement, ensuring personal visibility and accessibility

About you:

Essential:

- Degree level education or relevant knowledge through work experience
- A minimum of 5 years' experience in Software Engineering
- Experience of working with Robotics and real time communication
- Experience of Sensors, motion control and cameras
- Must have Python and C/ C++ experience
- 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

Desirable:

- Experience of GIT
- Experience within mobile robotics
- Experience of SLAM / Path Planning
- Experience of Navigation algorithms
- Computer Vision experience
- Experience of Signal processing
- Experience of Web UIs
- Database experience
- Django experience
- Linux experience

Salary: £40,000 - £50,000 pa DOE

Closing Date: 7th September 2020

To apply please send your CV and covering letter to Jobs@numatic.co.uk

