

Senior Control System Engineer

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Company: FLANDERS

Location: Evansville

Category: other-general

Our **Evansville, IN** Engineering team is looking for **Senior Controls Engineers** to join our highly innovative engineering teams designing Autonomous Solutions for mobile equipment in the surface mining industry.

As **Senior Controls Engineer** you will develop sophisticated control systems for Autonomous Solutions products. Day to day activities include programming PLCs, creating functional/technical specifications, and mentoring other engineers. You will have the opportunity to grow your career and gain exposure to complex automation products.

Key Responsibilities:

- Design, develop, and test new control systems for Autonomous Solutions products from start to finish

- Evaluate emerging technologies for enhancing Autonomous Solutions products

- Develop, maintain, and enforce coding standards and processes

- Create functional, technical, and other detailed specifications for new products and enhancements

- Ensure control systems operate safely and efficiently in accordance with local standards and specifications

Conduct code reviews to ensure new code is bug-free and meets requirements

Attend client sites as required for commissioning, implementation, and testing of controls systems

Work with and mentor more junior members of the team to remove roadblocks and overcome challenges

Interface with a global team of engineers and product support resources to successfully complete tasks

Apply all safety procedures and use proper safety equipment as needed

Maintain a clean, neat, and safe work environment at all times

Key Competencies:

Bachelor's degree or higher in Engineering, [or] an equivalent combination of education and/or direct applicable experience

7+ years' experience in automation; specifically from scratch PLC programming, creating I/O maps, creating technical specifications, and new technology integration

Assets:

Previous experience with industrial and mobile equipment automation

Prior experience with hardware such as GPS, Lidar, PLCs, PCs, and low voltage power systems

Prior experience with Studio5000, TIA Portal, CodeSys, SQL, and MQTT

Familiarity with the Agile execution model and methodologies

Familiarity with Jira

Familiar with ERP systems, Microsoft Office, SharePoint, Teams, and Outlook

Ability to learn and adapt quickly

Strong communication and interpersonal skills – ability to explain complex defects and designs in simple high-level terms

Drive Action, Teamwork, and Resilient attitude

Location Evansville, Indiana

Travel Requirements : 15%

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