



YES (Yield Engineering Systems, Inc.) is a leading manufacturer of reliable, high-tech, cost-effective capital equipment that transforms materials and surfaces at the nanoscale. From startups to the Fortune 50, our customers rely on YES to help them unleash products that change lives – from cellphones and IoT devices, to AI and virtual reality, to diagnostic tests for COVID.

As a preferred provider of wet and dry process technology, we look forward to talking with smart, energetic, team-oriented people who can grow with us. We provide competitive salary and benefits, including employee stock ownership, and some of the best co-workers you'll find anywhere. If this appeals to you, please read on!

Job Title: Controls Software Engineer (PLC, HMI, and Cobot applications)

Location: Valencia, CA

Responsibilities

- Programming, testing, start-up, troubleshooting, and field service support for wet process equipment

Required Skills

- PLC programming and testing, with emphasis on Siemens PLCs (Step 7 and Portal TIA)
 - Function, object, and data block in ladder logic and SCL design
 - Technology motion control, Profinet, and analog interface
 - Profibus networking
 - Hardware configurations DI, DQ, AI, and AQ
 - Installation procedures
 - Electrical motor commissioning
 - Documentation
- HMI programming and testing, with emphasis on Wonderware InTouch
 - Screen design
 - Tagname configuration
 - DA server interface
 - Scripting
 - Import/export .csv Files
 - Historical data management
 - Recipe manager
- Cobot programming and testing, with emphasis on Universal robots & Kuka robots
 - Motion profiles
 - Interface configurations Digital and Profinet
- Experience with Allan-Bradley or Idec components
- Ability to read and interpret instruction manuals, electrical schematics, and P&IDs
- Computer knowledge and proficiency with Windows and MS Office

Qualifications

- Four-year degree in computer science, computer engineering, electrical engineering, mathematics, or similar field
- At least two years' experience in software development (NCGs who meet this requirement are encouraged to apply)
- Good written and verbal communication skills in English
- Strong team player and willing to learn new technologies
- Some travel domestic and internationally required

Compensation

- YES offers a stimulating and fun working environment, competitive salaries and benefits, and company stock.

Additional Information

- Applicants must be currently authorized to work in the United States on a full-time basis.
- YES is an equal opportunity employer and values diversity. All employment is decided on the basis of qualifications, merit, and business need.

Come find out why YES is such a great place to work. Apply today!