



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: Senior Software Engineer

Location: Fremont, CA

Responsibilities

- Design, develop, test, and integrate software for semiconductor equipment
- Develop C++ DLL interface for external customer to control equipment
- Design operator interface for semiconductor equipment with C# and C++
- Develop HW control with serial interface and TCP/IP
- Develop automated system control for semiconductor equipment
- System testing and debugging
- Provide software support and debugging for customers

Skills

- Proficient in Object Oriented Programming
- Design Patterns
- Language: C++, C#, C
- Outstanding debugging skills in a large code base
- Proficiency in multithread applications
- Experience with GUI development on C#.NET
- Experience with code repository with SVN, GitHub, MS DevOps
- Software/Hardware interface
- SECS/GEM automation

Qualifications

- BS/MS in Computer Science or Computer Engineering
- 7+ years of experience in software development
- Three or more years of experience in software development and test of semiconductor equipment, medical equipment, test equipment, or hardware control
- Good written and verbal communication skills in English

Compensation

- YES offers a stimulating and fun working environment, competitive salaries & 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!