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

Our industry-leading vacuum cure ovens, chemical vapor deposition (CVD) systems, and plasma etching tools are driving innovation in a wide range of exciting and growing markets. 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), a beautiful light-filled new facility in a central location, and some of the best co-workers you'll find anywhere. If this appeals to you, please read on!

Software Engineer (entry level, NCG)

Responsibilities
- Design classes in a complex software system for semiconductor equipment control
- Develop C++ DLL interface for external customer to control equipment
- Design GUI for hardware controller and semiconductor equipment with C#.NET
- Develop HW control with serial interface and TCP/IP
- Develop TCP client/server applications
- Conduct system testing and debugging
- Develop automation test scripts

Skills
- Coding skill with C# or C++
- Familiar with Object Oriented Programing concepts such as class inheritance, virtual function, data encapsulation, polymorphism
- Experience in GUI development on C#.NET
- Data structure
- Knowledge in multithreaded programming concept
- Code repository with SVN, GitHub, MS DevOps
- Experience in software/hardware interface

Qualifications
- BS/MS in Computer Science or Computer Engineering
- 0 – 2 years' experience in software development
- Good written and verbal communication skills in English
- Strong team player and willing to learn new technologies
- New college graduate (NCG) accepted

Compensation

YES offers a stimulating and fun working environment, competitive salaries, healthcare benefits & company stock options.

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!