



Junior Automation Software Engineer

Overview:

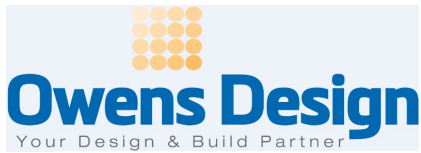
Are you eager to kickstart your career in software and automation engineering? We are on the lookout for driven, detail-oriented individuals ready to dive into the world of AI, machine vision, robotics, and automation. Join our team to enhance your technical skills through collaboration with seasoned professionals. In this role, you will contribute to the design, programming, and troubleshooting of advanced custom manufacturing equipment, including industrial robots and highly customized software. This position offers an excellent opportunity to build a rewarding career in a fast-paced and innovative industry.

Key Responsibilities:

- Learn, design and develop custom software applications using C/C++, Python, Javascript, PLC, Robot and HMI platforms under the guidance of experienced engineers.
- Collaborate with cross-functional teams to integrate hardware and software solutions for custom manufacturing equipment.
- Shadow senior technicians to diagnose and resolve software-related issues associated with robotics, machine vision and motion control.
- Assist in troubleshooting network connectivity and computer infrastructure issues for automated systems.
- Learn and program configuration of industrial communication protocols (e.g., EtherCAT, TCP/IP, Ethernet/IP, OPC-UA).
- Test and debug software to ensure equipment functionality, reliability, and performance.
- Take advantage of in-house training programs and mentorship to build your technical expertise.
- Stay updated on industry trends and emerging technologies especially related to AI, Robotics and Machine Vision.

Qualifications:

- Preferred Bachelor's Degree in Computer Science, Electrical Engineering, or a related field.
- Familiarity with programming languages such as Python, C/C++/C#, Java, or Structured Text (ST).
- Basic knowledge of computer networking principles and troubleshooting is preferred.
- Familiarity with using hand tools and testing equipment in a manufacturing environment (multimeters, etc.)



- Ability to understand technical documentation such as user manuals and datasheets.
- Willingness to learn and adapt in a fast-paced environment.
- Strong problem-solving, communication, and teamwork skills.
- Ability to work collaboratively in a team environment and contribute to team success.
- Willingness to learn recent technologies and adapt to changing industry trends.
- Strong attention to detail, ensuring accuracy and quality in all work.
- Previous internship or work experience in industrial automation, software development, or a related field is a plus.

Salary Range:

\$70,000 - \$90,000

The salary range listed in this job posting is provided in accordance with applicable laws and reflects the estimated compensation for this position based on factors such as job responsibilities, industry standards, and market conditions. Actual compensation may vary depending on the candidate's experience, qualifications, skills, and other relevant factors.

Benefits Overview:

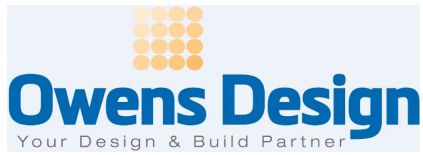
We provide the following benefits to our full-time permanent employees.

- Medical
- Dental
- Vision
- 401K
- Profit Sharing
- PTO
- 10 Paid Holidays
- Disability Insurance
- Life Insurance
- Education Reimbursement

Why join the team?

For over 40 years, Owens Design has specialized exclusively in designing and manufacturing complex, advanced technology systems. We have focused specifically on the semiconductor, hard disk drive and solar photovoltaic industries, and have turned product development into a science. This unique process has made us successful and attracted a world-class following. We value people who are passionate about

collaboration, creativity, and quality. We rigorously focus our energy on the solutions and processes to achieve our and our customer's goals.



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If you would like to join this growing team, please send your resume to jobs@owensdesign.com.