



## Software Lead Developer

Vescent seeks an experienced software lead developer to lead a small development team of software engineers on complex software projects from the concept phase through product launch and post-launch support. The candidate will be a highly motivated, creative problem solver who enjoys making valuable contributions to highly cross-functional product development teams of engineers and scientists. Vescent is a fast-growing company located in the Denver area that designs and manufactures cutting-edge laser systems for scientific and OEM markets. Vescent fosters a work-hard/play-hard culture that values teamwork, technical innovation, individual accountability, and pride of workmanship. This position offers growth opportunities for the right candidate. Job title and compensation are dependent on the candidate's specific experience level. This position is expected to be "in-office" 40-50% of the time at our Golden, CO facility; the other 50-60% of the time may be work from home. All candidates are expected to comply with Vescent's COVID-19 company policies.

### Job Duties:

- Lead the software development team in creation of embedded software for new and existing products.
- Maximize reuse of all technical work and architectures across projects.
- Determine functional headcount requirements and assign staff to projects.
- Gain consensus, influence stakeholders, provide leadership, and ensure intra-team and inter-team participation and feedback.
- Act as the technical expert within the software engineering function. Advise and coach staff to resolve technical and operational problems throughout the product lifecycle. Review and ensure quality of all technical deliverables.
- Establish and maintain a robust software development lifecycle process. Define and implement best-in-class functional processes, standards, and tools.
- Be customer-focused throughout the product lifecycle.
- Work as a member of the software team to develop software and write code.

### Required Qualifications:

- B.S. degree in Computer Science, Software Engineering, Computer Engineering, Electrical Engineering, or equivalent field from accredited institution.
- 8+ years of experience developing and maintaining software in C for embedded microcontrollers.
- 2+ years of functional lead experience.
- Experience working with version control repositories like Bitbucket, GitHub, or similar; and issue/defect tracking tools like Redmine, JIRA, or similar.
- Strong understanding of hardware/software interfaces and communication protocols.
- Successful product lifecycle experience in stage-gate product development processes.
- Strong experience in software testing and quality assurance, including automation, test scripting, requirements generation, verification testing, release processes, and code reviews.
- U.S. citizen or permanent resident

### Desired Skills:

- STM ARM and Atmel XMega processors and toolchains.
- Proficiency with reading and understanding electronics circuits and schematics. Analog and digital electronics design experience is strongly desired.
- Fundamentals of GUI design. Experience working with GUI design tools/SDKs.

*Vescent Photonics*

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- Familiarity with working within an ISO quality system.
- Experience with Agile development.
- Engineering management experience.

Please send your resume and a cover letter to [jobs@vescent.com](mailto:jobs@vescent.com). Your cover letter should express how your skills, qualifications, and interests address the job description. Applications without a resume and cover letter will not be considered. Vescent Photonics is an Equal Opportunity Employer. Vescent offers a competitive salary and a full benefits package, including four weeks PTO, health/dental insurance, disability insurance, matching retirement plan, and a profit-sharing plan.