

Software Engineering Internship

RIB Software

Memphis, TN

RIB Software, an innovator in the construction business, creates, develops, and offers iTWO³ – new thinking, new working method, and new technology – for construction projects across various industries worldwide. iTWO today is the world's first Cloud-Based 5D BIM enterprise solution for construction companies, industrial companies, developers, and investors.

The RIB Software Summer Internship gives STEM degree-seeking students in their junior or senior year the opportunity to apply their academic experience and passion for creating robust software, and to complete meaningful short-term projects building real-world customer-facing features. The R&D team at RIB is a highly collaborative organization of over 200 experts with the highest levels of technical depth, programming skill, and a passion for quality, across the US, Germany, China, and Australia. Our technology stack makes extensive use of ASP.NET, WebAPI, C#, Javascript, AngularJS, and SQL Server. Our engineers enjoy the challenge of working across the full stack, building new functionality as well as continually improving the underlying infrastructure. The Summer Intern will work with the R&D group to design, code, test, and debug new software features and support or enhance existing functionality. The intern will become knowledgeable about cloud-ready application architectures, learn the expectations of developing software for commercial markets, and develop experience with construction estimating, cost control, project scheduling and management.

ESSENTIAL FUNCTIONS AND BASIC DUTIES

- Provide support to senior team members with requirements analysis, research, design, development, testing, and implementation of software systems
- Receives general supervision and guidance from more experienced team members.
- Correctly applies principles of computer science, engineering, and mathematics, researches and implements new technologies and trends.
- Works closely with product or project manager during design phase to ensure software goals and deadlines are being met
- Writes complete and accurate technical documentation for software

EDUCATION, EXPERIENCE AND KNOWLEDGE

- Minimum of 2 years of relevant coursework completed
- Minimum 3.0 cumulative GPA on a 4.0 scale, or equivalent
- Strong skills in at least one: C#, MVC or WebAPI, Javascript, C++, T-SQL, HTML5, CSS3, JS frameworks like JQuery or AngularJS
- Prior internship or co-op experience preferred
- Participation in activities related to field (hackathons, coding competitions, technology user groups, tech forums, campus academic or extra-curricular projects, Github projects, etc.) preferred
- Demonstrated leadership experience through participation in campus activities, volunteer or mentorship activities, educational forums, and/or prior work experience