

JOB DESCRIPTION

POSITION TITLE: *Software Development Intern*

REPORTS TO: *Software Development Manager*

EXEMPT/NON-EXEMPT: Non-Exempt

POSITION OVERVIEW:

The Software Development Intern (SDI) will assist with implementing and optimizing software components for MMI's proprietary clinical trials medical image management platform, with code written in C++ and C# using the Microsoft .NET framework. The SDI will be challenged with well-defined assignments that require independent research and execution, under the direction and mentorship of the Software Development Manager. The SDI will also collaborate with other members of a small, cross-functional software development team.

An ideal candidate will have a passion for programming with significant coding experience as a top-performing student, majoring in computer science, along with application of knowledge outside the classroom, using object-oriented languages including C++ and/or C#. This role is open to undergraduate computer science students entering their senior year at an accredited university as well as to recent graduates with a BS in computer science.

RESPONSIBILITIES:

- Gain valuable programming experience while helping to achieve business goals.
- Interact with experienced software developers using an Agile/Scrum methodology to translate basic user stories and functional requirements into resilient & secure technical designs.
- Conduct independent research and implementation of well-defined coding assignments.
- Review and contribute to existing C# code base and associated internal documentation.
- Write unit tests and automated tests to ensure software quality.
- Perform other duties of related nature as assigned.
- Understand Medical Metric's Quality Policy and supports the achievement of the organization's quality objectives.
- Comply with company's policies and procedures, as well as ISO 9001:2015, 21 CFR Part 820, and Good Clinical Practices (GCP) relative to job tasks.

EDUCATION & EXPERIENCE:

- Senior-level undergraduate education or higher, majoring in Computer Science from an accredited university.

SKILLS REQUIRED:

- Highly proficient with C++/C# for .NET
- Microsoft Visual Studio
- Strong verbal and written communication skills with English proficiency.
- Strong analytical reasoning aptitude
- Excellent problem-solving skills
- Strong communication and interpersonal skills
- Aptitude and willingness to learn and self-teach new skills

PLUSES:

- Experience with Medical/Imaging applications.
- Experience with image processing/analysis libraries (e.g. OpenCV, ITK).
- Experience with Graphical User Interface development.
- Microsoft SQL Server Management Studio.
- Research projects and hackathon participation.

COMPANY INFORMATION:

- Medical Metrics Inc. (MMI) is a fast-growing, independent imaging core laboratory and medical imaging solutions company based in Houston, TX. MMI provides image analysis and consulting services to medical device, biologics, and pharmaceutical companies in support of their clinical trials and product R&D.
- This internship pays hourly at a competitive rate and allows considerable flexibility for workload and schedule, including part-time opportunities during the academic year.
- MMI internships frequently lead to full-time job offers extended to highly capable individuals.

For further information, please contact:

Ahmad Algohary, Ph.D.
Software Development Manager
aalgohary@medicalmetrics.com

Sara Minton
Sr. Manager, HR & Administration
sminton@medicalmetrics.com