

Gregory Mason

Software Developer

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 Forge36

Overview

I enjoy working on frameworks helping others develop new features faster. Developing tools to reduce mistakes highlighting complications earlier.

Programming

0 EXP —————> 9 EXP

C# • .NET Framework • M

JavaScript • TypeScript

VB6

Java • C • .NET Core 5

LaTeX, • React

Education

BS., Computer Science

Specialization: Security

University of Wisconsin - Madison

2009 - 2012 | Madison, Wisconsin

Scouting

Eagle Scout - Silver Palm

Languange

German - conversational

Experience

Aug 2020 - Present

Software Systems Architect

Epic Software

All Epic

- Codified style rules using .editorconfig
- Automate code integrity: audits, fixes, and pull requests to reduce overhead in finding and fixing common coding mistakes
- Javascript to Typescript migration to reduce friction for developers
- .Net Framework to .Net Core transition of a windows forms application
- Developed a tool for soliciting feedback on recent collaborations

Oct 2017

Senior Software Systems Developer

Epic Software

Reports

- Extension framework to allow for loosely coupled, interactive reporting content
- Platform Migration from VB6 client application to Web Application. Javascript/TypeScript/HTML/CSS/C#/.NET
- Project management and tracking for large scale coding changes
- Mentor new employees Design and coding standards
- Improved existing review tools to reduce false positions and increase developer confidence in tooling assistance
- Implemented a project time tracking assistant to better revise project time estimates

Dec 2016

Software Developer II

Epic Software

Reports

- Fixes, Investigations, and cross team education for Security issues
- Created a parsing engine to assist in locating, security vulnerabilities, dead code paths, and unused translations within the software
- Performance improvements reducing login time by 500ms, component initialization by 80% (400ms)

July 2012

Software Developer

Epic Software

Rich Text Document Editor

- Integrated test bench for regression testing of third party updates
- Improved keyboard accessibility for Section 508 and WCAG compliance
- Visual display improvements for users with Photophobia
- Managed 3rd Party subcomponent integration debugging, code review, and fix requests

May 2011 - Dec 2011

Software Engineer Intern (Remote)

Maverick Software Consulting

- UI automation testing with Ranorex, framework designed for compatibility with Selenium. Converted existing Java tests to C# using the new framework
- Improved suite of tests improving full regression testing by 300%
- Developed a testing framework to allow distributed execution of tests within the testing suite

Sept 2010 - May 2011

Technology Support Specialist

Wisconsin School of Business

- Customer Service and one on one support with Faculty and Staff
- Use of Altiris for managing system images, motoring to manage rolling updates
- Improved rollout process to avoid downtime
- Hardware and software troubleshooting end user devices