

# 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 —————> 8 EXP

C# • JavaScript • M

VB6 • TypeScript

Java • C

TeX, • React

## Education

**BS., Computer Science**

Specialization: Security

University of Wisconsin - Madison

2009 - 2012 | Madison, Wisconsin

## Scouting

Eagle Scout - Silver Palm

## Language

German - conversational

## Experience

July 2012 - Present

### Software Developer

Epic

#### Reports

- Extension framework to allow for loosely coupled, interactive reporting content
- Platform Migration from client application to Web Application. Javascript/TypeScript/HTML/CSS/C#/.NET
- Project management and tracking for large scale coding changes
- 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
- Improved existing review tools to reduce false positions and increase developer confidence in tooling assistance
- Performance improvements reducing login time by 500ms, component initialization by 80% (400ms)
- Mentor new employees Design and coding standards

#### 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

May 2010 - Sept 2010

### Technology Intern

Thomson Reuters

- Created a interactive HTML/JS display and web server with Java to display response management data from a SQL database

June 2009 - Sept 2009

### Technology Intern

Thomson Reuters

- West Tech Operations—Capacity Management
- Creating Database Storage Forecast tools for capacity management forecasting allowing a quarterly update forecast report to be run in 15 minutes vs 40 hours
- Improved amount of data which could be displayed
- Created on demand reports of server load replacing manual tasks