Alec G. Carpenter

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SUMMARY

Avid software developer, having experience with many of the most widely used languages and development tools for building web-based applications.

EDUCATION

B.S. Computer Science: General
Western Michigan University
9/2012 - 4/2016

- Twice on the Dean's List

PROFESSIONAL EXPERIENCE

Software Engineer
Ford Motor Company, Allen Park, MI
2/2017 - Present

Software Developer
Quicken Loans, Detroit, MI
5/2016 - 2/2017

- Utilized Agile and test-driven methods to complete stories each iteration.
- Helped to extract shared business logic into reusable libraries for other internal applications.

Software Development Intern
Quicken Loans, Detroit, MI
5/2015 - 8/2015, 5/2014 - 8/2014, 5/2013 - 8/2013, and 6/2012 - 8/2012

- Completed an intern goal tracking application, the project was managed entirely by interns. We utilized the scrum methodologies.
- Worked on daily changes to the QuickenLoans.com website.
- Pair programmed with another intern to convert the QuickenLoansReviews.com from WordPress to the in house PHP web framework.

ORGANIZATIONS

Innovators Educational Foundation
Webmaster
8/2016 - Present

- Maintaining the organization's websites

Sunseeker Solar Car Project
Webmaster
9/2012 - 8/2016

- Built and maintained the team website.
- Developed a Java-based telemetry application for race strategy.

DEVELOPMENT TOOLS

I am experienced with: C, BASH, PHP, HTML, CSS, JavaScript, Ruby, Java, PHP Unit, Ruby on Rails, jQuery, LESS, SASS, Jekyll, Git, Docker, Vagrant, MacOS, and Ubuntu Server.

I have a familiarity with: Python, Prolog, Slim, Silex, React, MySQL, Oracle Database, and Windows.

ADDITIONAL SKILLS

Able to speak basic, conversational German.