

William Hackett Emory

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OBJECTIVE

I am interested in pursuing a full-time position related to software engineering in an environment that presents both challenges and opportunities to learn.

SKILLS

My background consists of approximately two years of hands-on experience, including work with the following: C#, C/C++, HTML5, CSS, JavaScript, JQuery, MySQL, Java, Python, Eclipse, Database Design, Hadoop Titan, Neo4j, Node.js, Protractor (an Angular testing tool), Microsoft Office, Object Oriented Programming, and exposure to ASP.NET, Angular, MVC applications, stored procedures, Hibernate, and WebGL.

EDUCATION

Iowa State University			Ames, IA
Bachelor of Engineering, S E: Software Engineering,	Minor: Business	GPA: 3.14	Present

WORK EXPERIENCE

Preventice Solutions – extended internship Rochester, MN

Preventice is a medical device company focused on the delivery of technologies and services to the remote monitoring market. As part of their team, I was involved with the full SDLC environment on numerous small on-going projects. This included:

Platform Team May 2015 – August 2016

- Maintained and updated code on ASP.NET MVC web platform using C#
- Wrote/documented QA reports on all aspects of web platform using Confluence
- Created a JavaScript application to generate pages for a database library
- Facilitated efforts to implement automated testing via Protractor and Karma on web platform
- Refactored node based Protractor automated test suite for web platform

Technical environment: Fast-paced Agile environment with daily scrum meetings

Hollander, LLC - internship Plymouth, MN

Hollander is an industry leader in the automotive recycling business. As part of their team I worked on internal tools for engineering and business applications. This included:

Product Development June 2014 - August 2014

- Wrote queries using SQL to display server data on support tool
- Used C# to add features to a support tool
- Researched and updated customer information in Hollander database

Technical environment: Fast-paced Agile environment with daily scrum meetings

Data Research Analyst

June 2013 – October 2013

- Researched corporate and financial data on companies owned by customers
- Used my technological expertise to find data in a timely manner
- Collaborated with my team and supervisors to insure customer demands were met

Technical environment: Professional business environment with weekly team based meetings

ADDITIONAL RELEVANT PROJECTS

Iowa State

Autonomous Sailboat

- Interfaced sailboat peripherals with Raspberry Pi using Python
- Wrote Java macros for Star-CCM to visualize boat performance in water
- Implemented basic object detection using Python OpenCV libraries

Twitter Database Analysis

- Exported CSV files from Neo4J graphical database
- Wrote Java program to parse inconsistencies from tweets, users, and other Neo4J nodes
- Imported into MySQL and wrote queries to find relevant political data from users

For more information on projects please see my portfolio at <http://williamemory.github.io/>