

Jacob Scherber

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Relocating to Baltimore June 2018

Education

University of Minnesota

Bachelor of Arts, Computer Science

Major GPA: 3.8

Deans List: Fall 2016, Fall 2017

University of Minnesota

Bachelors of Arts, Philosophy

Certifications

Java SE 8 Oracle Certified Associate (1Z0-808)

Java SE 8 Oracle Certified Professional (1Z0-808)

Expected May

2018

Minneapolis, MN

May 2013

Minneapolis, MN

August 2017

Expected July 2018

Skills

Languages Java, Python, , C, C++, Javascript, JSON C#, VBA

Software Git, gdb, Emacs, Eclipse, Pycharm, IntelliJ, Doxygen/Javadocs, Microsoft Office, Adobe Acrobat

Projects

- | | |
|------------------------------|--|
| Vote Counter (Java) | <ul style="list-style-type: none">• Software system completed over a semester using both Waterfall and Agile development methods• Wrote a software requirements document, created UML class, sequence, and activity diagrams, and a software design document. Implemented the designs and wrote unit and system tests, tracked bugs, and created a test log.• Completed an Agile sprint. |
| Robot Simulator (C++) | <ul style="list-style-type: none">• Software system built in two phases; first was a game where a player-controlled robot had to capture three bases. The second phase, code was changed to a robot automata simulator.• Both parts of the system required extensive class inheritance and polymorphism. Design decisions had to be made in regards to what were the appropriate parent classes and how encapsulation should be obtained.• Documentation was provided for both phases using UML class diagramming and Doxygen. |
| Information Display (Python) | <ul style="list-style-type: none">• Pulls information from Google Maps and WeatherUnderground web APIs and parses the returned JSON to provide daily driving and weather information.• Displays the resultant information and images on screen in a GUI using the Tkinter library |

Experience

Virtual Radiologic

Application Specialist

Eden Prairie, MN

November 2015 – Current

- Help with on-boarding a new software (Echo credentialing) for our department; debugging system features, building automated reports, implement data queries using a pseudo-SQL language, and writing training documents.
- Obtain primary source verification of physician credentials from school and hospital contacts.

Mary T. Inc.

Direct Support Professional

July 2013 – May 2016

Coon Rapids, MN