Rex Petersen

♦ Email: rexpeters3n@gmail.com ♦ GitHub: https://github.com/h3dg3-Wytch

EDUCATION

Georgia State University, Atlanta, GA **Expected Graduation May 2017**
Bachelor of Science in Computer Science
Minor in Mandarin Chinese
3.7 GPA, Dean's List; Alpha Lambda Delta, National Honor Society

RELATED EXPERIENCE

Georgia State University, Atlanta Georgia **January 2017 – Present**
Undergraduate Teaching Assistant

- Graded, and taught an intermediate level programming course
- Tutored others on topics that comprise the entirety of a CS undergraduate degree

Online Insight, Atlanta Georgia **April 2016 – December 2016**
Java Developer

- Worked on legacy Java projects in an Agile DevOps environment
- Used a mixture of Groovy, Spring, and jUnit to build and test. Gradle was used for builds.
- Incorporated Hibernate, JDBC, MongoDB templates to work with the databases.
- Built UI with the CSS library, Bootstrap

Georgia State University, Atlanta Georgia **January 2016 – May 2016**
Computer Science Tutor

- Tutored graduate, and undergraduate on how to program, Discrete Math, Assembly Programming, Scripting, Advanced Data structures, and Algorithms
- Assisted professors with research projects

CoCard, Decatur, Georgia **May 2014 – August 2014**
Junior Software Engineer

- Conducted functional and manual testing of new rollouts, bug fixes, existing features and end-user operations
- Debugged PHP and Javascript Code
- Interacted with product management, development teams and team members to generate a strong understanding of the project and testing objectives

AREAS OF EXPERTISE

- *Git*
- *Java Programming*
- *Spring/Spring Boot*
- *MySQL, Sqlite, Postgres MongoDB*
- *JUnit, Gradle, Maven*
- *HTML, CSS, JS, Bootstrap*
- *jQuery, Ajax, ReactJs, Angular, Node.js*
- *PHP*
- *Ruby on Rails*

PERSONAL PROJECTS

Java Shopping Cart **https://github.com/h3dg3-Wytch/shoppingCart**
A Java EE project that uses spring, spring security, and servlets to create a general shopping cart app

MST Generator for Graphs Generator **https://github.com/h3dg3-Wytch/Djkstra-Algorithm**
A Java command line tool that takes in large graph files, and the finds the MST (shortest path) of all the connecting nodes. Created using a custom priority queue that reheapifys with each item pulled from the queue.