

Elliott Beach

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Summary

Software Engineer seeking position upon graduation in Decemeber 2017.

Projects

google/go-github -- I've been helping to maintain this Go client to the GitHub API.

Demonstrated communication and analytical ability through involvement in 13 open source projects.

Experience

Teaching Assistant

September 2017 to December 2017

University of Minnesota

- Resolving student questions via email and office hours, editing assignments and the course website, grading.

Android Engineer

May 2016 to September 2017

Actual Software

- Developed robust, object-oriented Java application with a team of engineers.
- Designed user expereice and application features

Utilized: Java, Android, JetBrains IDE

Research Assistant

May 2017 to September 2017

University of Minnesota, Morris

- Guided implementation with priority-based planning to complete key user features
- Solved numerous bugs by introducing much-needed unit testing

Utilized: MEAN stack

Team Member

October 2015 to April 2016

University of Minnesota, Morris - Energy-Data Management Team

- Developed Python back-end for application to display energy production data from university solar panels and wind-turbines.

Utilized: Python, Bash, OpenTSDB/HBase

Education

University of Minnesota, College of Science and Engineering

May 2015 to December 2017

Bachelor's of Science in Computer Science

GPA: 3.94

Dean's List, all semesters

Activities: Be The Match, Association of Computing Machinery, Tau Beta Pi

Coursework: Computer Security, Operating Systems, Networks, Data Structures, Machine Architecture

Relevant Skills

Eager, accurate, and amicable communicator, both verbal and written

Object Oriented Progammng and Design Patterns in Java

Test Driven Development using Junit, Cucumber, go test, Travis, etc.

Web Development using Vue.js/Angular.js, jQuery, HTML5, Bootstrap

Android Development using Java, Android Studio

Languages

Java, Go, JavaScript, Python, Bash, SQL, C/C++

