

Branagh Mackay

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SUMMARY

Near-graduate with B.S. in Computer Science seeking internship, part-time, and full-time job opportunities in software and web development.

COMPUTER SKILLS

Languages

- Java, C, Python
- HTML, CSS, JavaScript

Development

- Unix command-line development
- SQL for database development and management
- Agile methodology for software development

Projects

- **Current**
 - Developing a Python-based 'roguelike' game, using the Doryen library (also known as libtcod), as part of a small team.
- **April 2016**
 - Worked closely with a group of three other students to design a significant software project in the form of an online, educational spelling game and accompanying database. This project was developed using Agile software development methods.
- **November 2015**
 - Designed a database and web-based graphic interface intended for tracking student progress at the Granite Connections Learning Lab.

Other Coursework

- Data Structures and Algorithms
- Artificial Intelligence
- Operating Systems
- Computer Networks

EXPERIENCE

Media Assistant

May 2014 - Current

Granite Connections High School, Salt Lake City, UT

- Tutor for high-school aged and adult individuals in subjects including, but not limited to, English, Math, World Studies, and Sciences.

- Involves accurate, detailed record-keeping and analysis of data contained within said records for patterns in student progress.
- Other duties include proctored test administration and curriculum design in accordance with state standards.

EDUCATION

Westminster College

2012 – 2017

Salt Lake City, UT

- B.S. in Computer Science
 - 3.7 GPA
 - Dean's List Recognition Fall 2012 – Fall 2015
 - October 2015: Attended the Grace Hopper Celebration of Women in Computer Science upon receiving a GHC scholarship.