Benjamin Macomb

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Summary

I'm a recent graduate of Boise State University with a BS in Computer Science. From my coursework I have experience with web development, relational databases, systems programming, object-oriented programming, and agile software engineering practices.

Education

BS Computer Science | Boise State University, Boise, ID | May 2019

Skills / Projects

Systems Programming / Object Oriented Programming – C, Java

- Implemented a terminal shell written in C that executes Linux commands.
- Wrote a memory manager in C that implements the buddy algorithm.
- Used Java to implement a B-Tree that stored gene sequences from .gbk (GenBank) files.
- Understanding of classes, generics, and collections.

Web Development – HTML, CSS, JavaScript, PHP, MySQL

- Web browser based audio visualizer, a computer graphics project

  https://github.com/benjorama/audioVisualizer [code]
- Website for musicians to log their practice sessions.

  https://github.com/benjorama/PracticeHelper [code]

  https://sleepy-ocean-12493.herokuapp.com/ [website]

Software Engineering – Git, Agile, Scrum

- Experience meeting with clients, gathering requirements, and turning requirements into user stories.
- Breaking down user stories into tasks and estimating time to completion.
- Experience using Git as a version control system.