

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 | Graduated—May 2019

Skills

Systems Programming – C

Object Oriented Programming – Java

Web Development – HTML, CSS, JavaScript, PHP

Unity (graphics engine) – C#

Version Control – Git

Software Engineering – Agile, Scrum

Projects / Experience

Web browser based audio visualizer.

- <https://github.com/benjorama/audioVisualizer> [code]

Website for musicians to log their practice sessions. Hosted on heroku.

- <https://github.com/benjorama/PracticeHelper> [code]
- <https://sleepy-ocean-12493.herokuapp.com/> [website]

User interface for VR applications.

- <https://github.com/MEC402/viui> [code]
- <https://youtu.be/dYzWHgfmtis> [demo video]
- Met with project sponsor and created user stories for sprints.
- Implemented a path-finding line that connects two objects to help users navigate to a specific destination.
- Implemented a random terrain generator to create graphical scenes for testing.
- Gained valuable experience with pair programming.