

Ashley Maddix

Full Stack Software Developer

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Technical Skills , Languages , Software Tools -

Object Oriented Programming • Data Structures • Algorithms • User-Interface
Operator Overloading • Machine Learning • Testing+Training Data • C++/C • Java
Python • HTML/CSS • JavaScript • SQL • Linux/Vim • Android Studio
Visual-Studio • IntelliJ • Adobe After-Effects

Education -

B.S. Computer Science

Graduated - Portland State University 2017 - 2022

Projects -

Check out more projects, and read about them in more depth on my personal site

PhoneBill app

June 2021 - December 2021

Java • Object Oriented Design • Rest API • IntelliJ • Android Studio • Test-driven

Throughout the summer I worked on a solo project that resulted in two functional ways to use this program. One using android studio to create a mobile app that stores information in a local device folder. The other method used the rest API, and created a client end web server that stores information with a servlet.

Vehicle / Person Classifier

June 2021 - December 2021

Machine Learning • Object Detection • Image Classifier Training

Myself along with a group of 5 others worked to create a database of photos with cars or people to help a classifier identify between the two. We worked with Sightline applications and their pre-existing software.

Joi Ride

January 2021 - March 2021

HTML • CSS • JavaScript • Google Maps API • EJS • Express Node.js

In a team of two, we created a site to help a user to plan a vacation/road trip. We used a Google maps API to display any given route from any 2+ points. Our site also had a search functionality

Work Experience -

Coding Instructor - Coding With Kids

Hybrid Remote/Portland, OR
(part-time)

December 2022- Present

- Breaking down computer science/coding concepts in a way that's easy to understand
- Working with large groups, and providing quality one on one time
- Ensuring equipment is accounted for and working properly
- Arriving early to prepare, and setting up our day to run smoothly and successfully
- Always being prepared for unexpected challenges

IT Desk Help Support - CAT (Computer Action Team)

Portland State University, Engineering and Computer Science Dept.
2018

September 2017 - June

- Assisted students and faculty with technical issues.
- Cleaning, monitoring, and replacing equipment in computer labs.