



William O. Caldwell

Junior Developer

EXPERIENCE

Nashville Software School

Jan. 2017-June 2017

Apprentice Software Developer

Intensive full-time software development bootcamp focusing on full-stack development fundamentals and problem solving. The final three months of the program executed in a simulated company environment with SCRUM methodology.

- Daily hands on application of OOP fundamentals through group and individual projects.
- Created single page applications in JavaScript in the Angular framework as well as HTML, CSS, Bootstrap, and Materialize.
- Worked with jQuery for JavaScript libraries.
- Utilized Grunt to automate bundling of modules, JavaScript linting, and compiling Sass.
- Project management/tracking with Trello and GitHub Issue Tracking.
- Solution Design: white-boarding, ERDs and wireframes.
- Leveraged Django for creating and editing MVC applications.
- Deployed applications through Firebase, GitHub and Heroku.
- Source code/version control with Git/GitHub.
- Created servers and RESTful APIs with Django REST framework.
- Retrieved and stored database information in Firebase and SQLite.
- Practiced TDD with Python's unit test framework.

Simply Mac / Living Sound

2010-2016

Apple Certified Macintosh Technician / Support Professional

Repaired Apple hardware as an ACMT including Mac and iOS. Provided support to customers covering a large range of software and hardware topics. Solved all Mac problems, great and small.

- Worked with customers to find solutions to all of their hardware and software issues.
- Specialized in interfacing datasets between PC and Macintosh hardware environments using Apple's built in Migration Assistant or through the CLI.
- Developed strict troubleshooting protocols to discover solutions quickly and proficiently.
- Identified software/hardware mismatch issues and implemented system updates as needed.
- Mentored new junior technicians.

TECHNOLOGIES

| | |
|--------------|-------------|
| AngularJS | Heroku |
| APIs/JSON | HTML5 |
| Bootstrap | Javascript |
| Bower | jQuery |
| Browserify | Materialize |
| CSS | NPM |
| Django | Python |
| Firebase | React |
| Git / Github | SASS |
| Grunt | SQL |

CONTACT



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github.com/wocaldwell

PROJECTS

ArriveDry

url: www.williamocaldwell.com/arrivedry/ **repository:** github.com/wocaldwell/frontend-capstone

A planning SPA for bicycle commuters that queries a weather API to provide short-term forecasting based on location. AngularJS routing takes users to the views. API calls are also made to Google Maps for the user's route distance and duration. All results are compiled and based on the outcome a Firebase DB returns - user specific weather and route recommendations. Bootstrap styling augmented with Sass for a custom look.

MiNyl

url: www.williamocaldwell.com/minyclient/ **repository:** github.com/wocaldwell/minyl-frontend **and** github.com/wocaldwell/minyl-backend

A full-stack application that manages a user's vinyl record collection. The AngularJS client passes all CRUD calls to a Django Restful API. Outside API calls are made to gather album details and the data is manipulated by the client and sent to the the DB. Song searches return album details with the track position highlighted.

OSS/OTHER CONTRIBUTIONS

NashDev Jobs

url: jobs.nashdev.com/ **repository:** github.com/egdelwonk/nashdev-jobs

Implemented new features and supplied bug fixes for the NashDev community jobs website.

Boomalang

url: www.boomalang.co/

Implemented new features. Provided UI/UX tweaks to enhance website clarity.

EDUCATION

Nashville Software School, Nashville, TN

Full Stack Software Development

Wichita State University, Wichita, KS

BFA, Studio Arts (Ceramics)

Kansas State University, Mahattan, KS

Biology