

MATTHEW KELLY

SOFTWARE DEVELOPER



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Development Experience

Nashville Software School

April 2018 - September 2018

Intensive full-time, six month full stack software development bootcamp focusing on front end Javascript, React and server-side with Python and Django

- Created web apps with Python and Django and single page apps with JavaScript, JQuery, and React
- Communicated with an API using Ajax with CRUD methods to request, receive, and send JSON data to a server
- Implemented version control of projects on Github with Git
- Object Oriented Programming with JavaScript and Python
- Learned SQL commands to create and manipulate a database
- Created HTML5 Canvas applications using physics based animations
- Integrated Python with a Raspberry Pi to control external peripheral devices, collect data, write to Sqlite3, and display on a GUI
- Used ChartsJS with Django/Python to display data
- Performed unit tests to develop basic logic and design of applications

Projects

TN State Parks Interactive Informative Guide **JavaScript JQuery CSS Data.Nashville.Gov API**

A user guide to the state parks in the Nashville area. A complete CRUD app that allows a user to register, log in, view state parks in the Nashville area. Users can also then read and write reviews of the parks while being able to log out and back in to their profile.

Github https://github.com/MatthewKelly12/TN_State_Parks_Reviews

Hipster Taco **HTML5 Canvas JavaScript**

A video game where space shooter meets taco truck to feed hungry hipsters tacos. Animated with Vanilla JavaScript and HTML5 Canvas. Fly through space like Star Wars shooting tacos at hipsters making them disappear from the screen while collecting supplies for your taco truck.

Website <https://5c072fd0b13fb114df2305c6--hipstertaco.netlify.com/>

Github https://github.com/MatthewKelly12/Space_Taco

MIPI Grow **Django Python Raspberry Pi and Sensors JavaScript ChartsJS Flexbox OpenWeather API**

An app for farmers to track the data of their greenhouse using a Raspberry Pi computer and Django. The app tracks inside temperature and humidity from a sensor hooked to the Raspberry Pi and takes photos from the Pi camera. Outside weather and humidity are also written to the database. Current data and average data is then viewable on charts for the user.

Github https://github.com/MatthewKelly12/here_we_grow_django_py

Catch Of The Day **React Firebase JavaScript CSS Grid**

A React CRUD app that handles a fresh fish market. As inventory changes, so does the menu and orders. Fish and orders are kept real time with firebase. Add a fish to inventory, change the price, or delete it.

Website 5c0702a51f12b7071effa7a6--freshfishmarket.netlify.com

Github https://github.com/MatthewKelly12/Catch_Of_The_Day_React

Work Experience

Bud's Liquors and Wines

April 2014 - Present

Assist customers with wine, liquor, and beer selections. Operate store POS system and perform nightly batch outs of cash and credit cards to close down registers. Sunday store manager with a store key to open and close the store.

Vegetation Management Services

March 2003 - March 2014

Owned and operated an industrial/commercial herbicide business that provided seasonal control of noxious grasses, weeds, and vines by spraying pre and post emergent herbicides. Secured and Managed over 100 clients throughout 8 states and generated over 100K in sales in the first two years. Held contracts with key clients such as DuPont, Alcoa, Army Corps of Engineers, United Propane Gas, Amerigas, Suburban Propane, Western Kentucky Energy