Sean Roberts

seanohioroberts@gmail.com **/ (614) 787-3000**

Portfolio: https://seanroberts.herokuapp.com/

Projects

Sorting Algorithm Visualizer GUI

A GUI built with Tkinter that allows the user to generate a random array, with control over size and magnitude, and then perform 1 of 4 sorting algorithms with accompanying visuals.

Technologies / Libraries: **Python, Tkinter, Ttk (styling)**

Swerl - Expense Tracker

A web application that allows users to sign up and keep track of their expenses by utilizing an array of tools including expense input and editing (CRUD functionality), customizable budget goals, and visualization with dynamic charts.

Technologies / Libraries: **Python, Django, HTML, CSS, Javascript, Pandas, Plotly, SQLite**

Weather Music

A web application that takes a user's location and accesses APIs in order to determine the users local weather conditions, displays the weather conditions, and plays themed music.

Technologies / Libraries: **Python, Flask, Jinja2, HTML, CSS, Javascript (& AJAX), SQLAlchemy, Regular Expressions Library, Google Geocoding API, YouTube API, National Weather Service API, HTML5 Geolocation API**

Education

The Ohio State University / B.S. in Atmospheric Science

August 2016 - April 2019   Columbus, Ohio

I took a wide variety of math and science courses, ultimately learning to apply quantitative problem solving methods to complex situations. I have found the skills I built earning my B.S. to be beneficial in both learning technologies and building projects.

Columbus State Community College / Associates of Arts & Sciences

August 2014 - May 2016   Columbus, Ohio

Work

Associate at ALDI

May 2017 - Present   Columbus, Ohio

Requires great communication skills, adaptability, team oriented philosophy, and patience.

Skills & Interests

Skills: Python, Django, Flask, HTML5, CSS3, Tkinter, Git, Plotly, Bootstrap

Interests: Coding, Meteorology, Hiking, Biking, Travel, Games

Socials

Github: https://github.com/SeanFromOhio
LinkedIn: https://www.linkedin.com/in/sean-roberts-ohio95/