

Sean Roberts

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Projects

Sorting Algorithm Visualizer GUI

A GUI built with Tkinter that allows the user to generate a random array of varying 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 setting budget goals, dynamic charts, and expense editing.

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

Weather Music

A web application that takes a users position and accesses APIs in order to determine the users local weather conditions, displays the weather conditions and plays related 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

My courses mainly consisted of math and science, and though not technical necessarily, I still feel as if the problem solving process is similar for both.

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, HTML, CSS, Tkinter, Git, Bootstrap

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

Socials

Github: <https://github.com/SeanFromOhio>

LinkedIn: <https://www.linkedin.com/in/sean-roberts-ohio95/>