

ALLEN J HUANG

<https://allenjhuang.github.io/>

EDUCATION

Oregon State University

BS Computer Science *GPA: 3.94*

Corvallis, OR
Mar 2020 - Mar 2022

University of Illinois at Urbana-Champaign

BS Earth, Society and Environmental Sustainability

Urbana, IL

SKILLS

Programming:	Python, JavaScript, SQL, C, PHP, Bash
Markup/Config:	JSON, YAML, TOML, XML, HTML, CSS, HCL
Platforms:	Linux, Windows, Docker
Frameworks/Libraries:	Selenium, Flask, Express.js
Tools:	Git, GDB, valgrind

PROJECTS

Portfolio Viz *JavaScript, Python, Google Cloud Functions* <https://kzhao32.github.io/portfolio-viz/>
Create a stock map from csv text to help quickly visualize changes in portfolio worth. Originally created as an entry to a finance-themed hackathon and later improved upon. Worked on all parts of the project with one other teammate through pair programming.

Wikiquiz *Crystal, JavaScript, Svelte, Python, FastAPI, Redis, Terraform, Docker, Heroku*
<https://wikiquiz.vercel.app/>
Generate a short quiz from a wiki URL. Worked on all but the image fetching service of the microservices-oriented project alone.

CARboncycle *Python, Panel, Google Maps API*

Estimate CO2 emissions based on a typical work week's commute. Created as an entry to a sustainability-themed hackathon. Worked on all parts of the project with one other teammate asynchronously.

Just Get Me By *Python, REST API, PySimpleGUI*

Gather coursework and scores from a user's Canvas account and calculate minimum scores needed on upcoming assignments in order to reach a user-specified target grade. Created as an entry to an education-themed hackathon. Worked mainly on the data retrieval and processing part of the project with two other teammates asynchronously.

Top Reddit Posts *Python, PostgreSQL, Google Cloud SQL, Google Compute Engine, Express.js*

Allow the user to view a compilation of posts that made it to the top for select subreddits. Worked on all aspects of the project with one other teammate through pair programming.

WORK EXPERIENCE

Software Engineer Intern

PCI

Columbia, MD
Sep 2021 - Present

- Transition app from being deployed on a single virtual machine to a Kubernetes cluster.
- Create a diagram map describing how devices on the app network architecture are connected.

Software Engineer Intern

Klaviyo

Boston, MA
Jun 2021 - Aug 2021

- Migrated Django server-side rendered template to client-side rendered React components.
- Set up new API endpoints on the back end to retrieve data from for the front end.
- Wrote tests validating function outputs to be run on local docker dev setup and CI/CD.

Digital Marketing Consultant

Oracle

Chicago, IL
Oct 2017 - Apr 2021

- Worked towards mutually agreeable project requirements between internal and external teams.
- Streamlined automated campaign build process for a major client, reducing build time by 33%.
- Coordinated efforts between team members to get deliverables out efficiently.