ALLEN J HUANG

Chicago, IL, USA · https://allenjhuang.github.io/

EDUCATION

Oregon State University   Corvallis, OR
BS Computer Science *GPA: 3.96*   Mar 2020 - Mar 2022

University of Illinois at Urbana-Champaign   Urbana, IL
BS Earth, Society and Environmental Sustainability

SKILLS

Programming:	Python, JavaScript, SQL, C, C++, 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   Boston, MA
Klaviyo   Jun 2021 - Aug 2021

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

Digital Marketing Consultant   Chicago, IL
Oracle   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%.
- Revised a program for a client's key marketing tactic, providing deeper insight for strategists.
- Implemented a laborsaving approach to dynamic campaigns by a created layer of abstraction.
- Coordinated efforts between team members to get deliverables out efficiently.
- Migrated a multitude of client marketing campaigns to the Responsys platform.

INTERESTS

Learning, automation, microservices, video games, manga, music, dance, volunteering