ALLEN J HUANG

https://allenjhuang.github.io/

EDUCATION

Oregon State University   Corvallis, OR
BS Computer Science *GPA: 3.96*   Mar 2020 - Dec 2021

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
General:	Data Structures, Algorithms, Applied Machine Learning

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.

Wikiquiz *Crystal, JavaScript, Svelte, Python, pytextrank, fastText, BERT, FastAPI, Redis, Terraform, Docker, Heroku*   https://wikiquiz.vercel.app/
Generate a short quiz from a wiki URL.

CARboncycle *Python, Panel, Google Maps API*   https://carboncycle.herokuapp.com/carboncycle
Estimate CO2 emissions based on a typical work week's commute. Created as an entry to a sustainability-themed hackathon.

E-Haus *JavaScript, Flask, Google Cloud SQL, Google Cloud Storage, Heroku, EchoAR*
Help international students find housing that they actually like! Uses augmented reality to provide a better picture of what living spaces look like. Created as an entry to a life/home-themed hackathon.

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.

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.

Random Restaurant Picker *Dart, Flutter, Python, Google Cloud Functions, GraphQL*
Choose a random restaurant in the given area for the user. Created as an entry to a college conundrums hackathon track.

Snake or Sushi *fast.ai, Google Drive, Google Colab, Jupyter Notebook*
Detect whether an input image is a snake or eel with high accuracy.

WORK EXPERIENCE

Software Engineer Intern   Boston, MA
Klaviyo   Jun 2021 - Aug 2021

- Converting vanilla HTML, CSS, and JavaScript pages into React components.

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