

ALLEN J HUANG

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EDUCATION

Oregon State University
BS Computer Science *GPA: 3.95*

Corvallis, OR
Mar 2020 - Dec 2021

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

Urbana, IL
Aug 2010 - May 2014

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/>
Creates a stock map from a csv 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/>
Takes a wiki URL as input to generate a short quiz.

CARboncycle *Python, Panel, Google Maps API* <https://carboncycle.herokuapp.com/carboncycle>
Estimates CO2 emissions based on a typical work week's commute.

E-Haus *JavaScript, Flask, Google Cloud SQL, Google Cloud Storage, Heroku, EchoAR*
Helps 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*
Gathers coursework and scores from a user's Canvas account and calculates minimum scores needed on upcoming assignments in order to reach a user-specified target grade. Created as an entry to an education-themed hackathon.

Top Reddit Posts *Python, PostgreSQL, Google Cloud SQL, Google Compute Engine, Express.js*
Allows the user to view a compilation of the top posts in the past x amount of days for select subreddits.

Random Restaurant Picker *Dart, Flutter, Python, Google Cloud Functions, GraphQL*
Chooses 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*
Detects whether an input image is a snake or eel with high accuracy. It even ended up being able to correctly associate eel sushi with eel!

WORK EXPERIENCE

Software Engineer Intern
Klaviyo

Boston, MA
Jun 2021 - Aug 2021

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%.
- 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