

BRANDON KAO

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👤 b0004.github.io/personal_portfolio/

EDUCATION

University of California, San Diego

Expected Graduation: 2024

Major: B.S. in Cognitive Science, Specialization in Machine Learning and Neural Computation

Minor: Computer Science Major GPA: 3.78

PROJECTS

Fortune Teller

June 2023

HTML CSS JavaScript

- A fortune-telling web app for entertainment purposes
- Utilized advanced CSS for impressive visuals and agile development practices for efficient teamwork
- Won 3rd place out of 30 teams

Calyrex Teambuilder

April 2023 - Present

HTML CSS JavaScript

- A Google Chrome extension that automatically builds teams for competitive Pokemon team building
- Replaces part of the DOM of the Pokemon Showdown website with custom elements to assist with team building
- Designed on Figma with accessibility in mind
- Utilized 3D animations while updates itself with the latest usage data

Pollution Database

July 2022

C ARM

- Reads and stores data with minimum space complexity
- Implemented commands to modify the data with minimum time complexity

SKILLS

- Languages: HTML, CSS, JavaScript, Python, Java, C++, C, ARM Assembly
- Machine Learning Frameworks and Libraries: Scikit-learn, TensorFlow, Keras, NLTK

RESEARCH

Cognitive Development Lab

Jan 2023 - Present

- Building and maintaining the online experiment platform using OpenSesame in collaboration with the lab
- Building a reinforcement learning model used to better understand how social decisions are made in collaboration with the lab
- Process, analyze, and visualize data gathered from psychology experiments

EXTRACURRICULAR

UCPD - Community Service Officer

Summer 2021 - Fall 2022

- Duties included safety escorts and additional security at campus events and where needed

KOTX - Social Director

Spring 2022 - Present

- In charge of specific events, including their logistics and membership outreach, to foster an all-inclusive community