

Elton Chang

eltonchang0424.github.io/portfolio/

github.com/eltonchang0424

(408) 600-9749

eltonchang0424@gmail.com

Education

University of California, Irvine

Irvine, CA

B.S. Computer Science (2018–2022)

GPA: 3.814/4.0

Relevant Coursework: Python Programming with Libraries (Accelerated), Intermediate Programming with Python, Programming in C/C++, Data Structure Implementation and Analysis, Introduction to Computer Organization, Computational Photography and Computer Vision

Experience

Circle K Technology Internship Program

Irvine, CA

Technology Intern (2020)

- Kept UCI Circle K website up to date using HTML and CSS
- Implemented system using JavaScript and Treant API to track the mentor/mentee program, expediting mentorship process

Intero Real Estate

Saratoga, CA

Tse Group Data Analyst Intern (2018)

- Used statistical methods to find correlation between stock market trends and house sale prices in over 15 different cities
- Analyzed trends of house sales in last 20 years using linear regression to determine opportune time to sell houses in relation to stock market

Projects

Allergize (2020)

React Native, HTML, CSS, JavaScript

- Developed Android app that allows users to take pictures of their food and scan for allergies in team of four during HackUCI
- Worked on frontend to create smooth user interface and frontend/backend integration of object detection using JavaScript APIs

Boot (2019)

Node.js, JavaScript

- Created multifunctional chatbot for the VoIP software Discord
- Implemented various features such as explicit content filtering, TicTacToe, and more using Discord.js, Axios, and JavaScript APIs

ReclaimEarth (2019)

HTML, CSS, JavaScript

- Created crowdsourcing website allowing users to pinpoint areas of litter to clean up in team of three during CitrusHack
- Built frontend to create smooth user interface

Flappy Bird AI (2018)

Unity, C#

- Recreated Flappy Bird game in Unity using C#
- Used the genetic algorithm to train feedforward neural network that predicts optimal time to jump given current position

Skills

Programming

- Competent in Python, C++, CSS, HTML
- Some knowledge of C#, Java, JavaScript

Frameworks & Tools

- React, Node.js, Unity, Photoshop, Illustrator, InDesign