

Elton Chang

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636 Stanford Ct., Irvine, CA 92612

Education

University of California, Irvine / Undergraduate Computer Science Major

September 2018 - Present, Irvine, CA

GPA: 3.814/4.0

Relevant Coursework: Boolean Algebra and Logic, Discrete Mathematics for Computer Science, 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

Extracurriculars: App Dev Club, Circle K(Technology Internship Program)

Skills

Programming Languages: Python, C++, C#, Java, JavaScript, CSS, HTML

Technologies: React, NodeJS, Unity, Adobe Photoshop, Adobe Illustrator, Adobe InDesign

Skills: Graphic Design, Piano

Projects

Flip Flop // September 2018

- 2D hyper casual game
- Built with Unity using C# and exported to mobile devices

Flappy Bird AI // November 2018

- Created an AI to play the Flappy Bird game
- Utilized the genetic algorithm, building the neural network from scratch
- Built with Unity using C# and exported to mobile devices

ReclaimEarth // April 2019

- Created during CitrusHack 2019 in a team of three using Firebase and Google Maps API
- Crowdsourcing website that allows users to pinpoint areas of litter to clean up
- Created the graphics and used HTML and CSS to create a smooth user interface
- Deployed using Heroku at <https://reclaimearth.herokuapp.com>

cARd // April 2019 - May 2019

- Created for UCI's AppDev Club along in a team of four
- Augmented reality mobile app that allows users to play cards wherever they are
- Worked on the user interface and generating the shuffled cards
- Built with Unity using C# and ARCore and exported to mobile devices

boot // August 2019 - September 2019

- Multifunctional chat bot for the VoIP software Discord
- Features include: explicit content filtering, TicTacToe, 8Ball, and more
- Built with NodeJS using the DiscordJS and Axios packages and the MusixMatch API

Personal Website// September 2019 - December 2019

- Portfolio website to showcase my work
- Built with React using HTML, CSS, and JavaScript
- Deployed using GitHub Pages at <https://eltonchang0424.github.io/portfolio/>

Allergize // February 2020

- Created during HackUCI 2020 in a team of four
- Mobile app that allows users to take pictures of their food and tells them if they are allergic to it
- Worked on the frontend to create a smooth user interface and frontend/backend integration
- Built with React Native, Expo, Heroku, JavaScript, Express, ClarifAI API, and Spoonacular API
- Winner of the "Best AI Hack" award

Work Experience

Intero Real Estate / Tse Group Data Analyst Intern

July 2019 - September 2019, Saratoga, CA

- Created presentations analyzing raw data between home sales and stock prices
- Found and studied the correlation between the house sale information of over 20 different cities
- Found the opportune time to sell a house for maximum profit
- Presented findings in front of entire company
- Helped the Tse Group real estate team reach top 20 nationwide