



ANDREW HO

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EDUCATION

Irvine Valley College – Irvine, CA
B.S. June 2023

Computer Science
GPA 4.0/4.0

RELEVANT COURSEWORK

- Data Structures
- Algorithms
- Systems Programming
- Software Engineering
- Artificial Intelligence
- Computer Architecture

PROJECTS

Juniper | *Java, Python, Parse, Heroku, Android Studio* **September 2021**

- Built an Android app that where users can post, share, and view other users recipes.
- Worked with a team of four on a GitHub repository where I developed the logic of the Android App and machine learning recipe recommendation API hosted on Heroku.
- Users can like, follow, and comment on other users posts.

Flixster | *Java, YouTube API, Android Studio* **September 2021**

- Developed an Android app that retrieves currently playing films and fetches movie data using TheMovieDB API.
- Users can tap on a movie and retrieve a description and view the trailer using YouTube API.

Simdemic | *JavaScript, HTML, CSS* **June 2021**

- Developed hackathon prototype pandemic simulation service web application.
- Designed mathematical model to replicate virus spreading.
- Created ability to adjust variables and factors to change simulation.
- Pitched to hackathon judges as SaaS for governments agencies and businesses.

Instagram Clone | *Java, Parse, Android Studio* **October 2021**

- Instagram Clone Android app using Java and Parse backend.
- Users can post, sign up, sign in, and view their profile

MyDJ | *Python, matplotlib, NumPy, sci-kit-learn, pandas* **July 2021**

- Designed and released a music genre prediction app based on user demographic and preferences using Python, matplotlib, NumPy, sci-kit-learn, and pandas.

GitHub Automatic Verifier | *Python, Selenium* **August 2021**

- Built an automatic login and username verifier using Selenium and Python

EXPERIENCE

Love Yourself Clothing Startup **Aug. 2018 – Sept. 2019**

Front End Web Developer

Irvine, CA

- Developed web store for local clothing startup brand using HTML CSS, and created a custom navigation bar

Phi Theta Kappa Honors Society **Aug. 2021 – Present**

College Project

Irvine, CA

- Worked with school administration to bring a new leadership skills course to Irvine Valley College students.

AWARDS/ACHIEVEMENTS

Competitions – Winner of health{hacks} 2021 hackathon out of **178** participants. Designed a machine-learning pandemic simulation tool over 24 hours with JavaScript, HTML, CSS, MySQL. Presented to a panel of **9** Ivy League judges

Awards – AP Scholar w/ Distinction. Granted to students who receive an average score of at least 3.5 on all AP Exams taken, and scores of 3 or higher on five or more of these exams, IVC Dean's List

TECHNICAL SKILLS

Languages: Python, JavaScript, Java, C, C++, HTML/CSS, PostgreSQL

Tools/Frameworks: Flask, React.js, Selenium, Unix, sklearn, pandas, Visual Studio Code, Android Studio, Git