

Martin Wong

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Education

University of California, Davis

2020 - Present

B.S. Computer Science, 3.8

Relevant Courses: Discrete Mathematics; Data Structure, Algorithm, & Programming; Software Development & Object-Oriented Programming; Machine Programming/Assembly; Linear Algebra; Programming and Problem Solving; Web Programming; Introduction to A.I

Experience

Hack The Hood

Oakland, CA

Data Science Student Intern

6/2022-Current

- Using Pandas to manipulate and clean data to develop numerous projects.
- Collaboration with peer associates on a weekly basis discussing improvements and approaches to the projects
- Execute different SQL Database activities to develop SQL manipulation skills on datasets.

Ascend Leadership

Davis, CA

Committee member of Information Technology Department

1/2022 - 7/2022

- Developing a responsive and mobile-friendly club website by collaborating with a team on a weekly basis
- Debugging and problem-solving previous websites and projects using Html, CSS, and Javascript
- Hosted CyberSecurity Workshop to 30+ club members on the CyberSecurity tools on the internet.

Victor Pang and Associates

Oakland, CA

Administrative Office Assistant

08/2018 - 08/2021

- Updated 1000+ data into a database to ensure efficient and effective production levels within the office by allowing ease of access to the data.
- Provided ease of access and navigation for important data by compiling, organizing, and uploading organizational documents to the workspace database allowing efficient access to data.
- Informed and supported business leaders through consistent communication and administrative support duties in order to fasten production levels.

Code Nation

Oakland/San Francisco, Ca

Student Intern

11/2017 - 02/2020

- Worked in a team environment at LaunchDarkly and Salesforce to maintain a high level of productivity.
- Developed 10+ projects using HTML, CSS, and JQuery with other Software engineers.
- Collaborated with fellow developers and professionals by discussing materials and constructing projects using API.

Projects

Manga Database Center [Github](#)

- Utilize React to construct a Manga Information web page that uses Fetch API calls to Jikan to collect data on top mangas and searched mangas. Used Javascript and CSS to style an automatic display of top mangas and allow for auto rotate images.

Game AI [Github](#)

- Manufactured a Game AI that used MiniMax Algorithm to play against a user in tic-tac-toe. The Heuristic Approach for the AI is to give a positive value for a win, negative value for loss, and 0 for tie. Developed in pygame for a friendly UI.

Crumble Building [Github](#)

- Implementing an Object Oriented Programming with Python to build a game revolving player's ability to avoid falling blocks. Player has the ability to jump and move side to side to avoid increasing block falls while listening to the game music.

Audio Project [Github](#)

- Using Html, CSS, and Javascript to design an aesthetically pleasing television that plays audio but inserting a youtube url will allow the television to display and play the video. The javascript helps in parsing the url and displaying a set of images on the screen while the CSS helps in creating the screen with vibrant colorways.

Technical Skills

Languages: Python, Html, CSS, Javascript, C++, C, React, SQL(sqlite), Assembly, JSON, JQuery

Framework: React, Flask

Skills: Object Oriented Programming, Algorithms & Data Structure, GameAI(minimax, A*)

Libraries: Pandas, Matplot, Numpy, Pygame

Certificates and Awards

Modern Web Design By Gymnasium Aquent

12/2021

Intro to Machine Learning By Kaggle

7/2022

Responsive Web Design Fundamentals By Gymnasium Aquent

01/2022