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Education

University of Colorado Denver

- Bachelor of Science in Computer Science

Denver, Colorado

Completed May 2022

Arapahoe Community College

- Associate of General Science

Littleton, Colorado

Completed August 2020

Relevant Coursework

- Algorithms, Computer Networking, Data Science, Data Structures, Database Systems, Hardware/Software Interface, Machine Learning, Mobile Computing, Object Oriented, Operating Systems, Principles of Programming Languages, Web API, Cybersecurity Principles.

Technical/Other Skills

- C/C++, CSS, NodeJS, Django, Heroku, Zoom, Python, Swift, Android Studios, Java, JavaScript, MongoDB, React, Postman, APIs, Windows, Linux, C, GitHub, html, UML.
- Bilingual: Vietnamese and English

Side Projects/Class Projects

Sports Betting Predictor

- Designed a proprietary algorithm to predict outcomes of NBA games based on point spread and total bets.
- Consume data from external APIs and perform data cleansing, organization, and processing to arrive at a prediction
- Created a roadmap of features to implement such as integrating machine learning and AI in the prediction algorithm.

Snake

- Built a simple snake game in python to explore different algorithm and learn how to design a GUI.
- Developed an understanding of how to maintain a program state and reflect the state in a GUI by triggering updates on state changes.
- Focused on user-experience and learned how to prioritize the end user in my software development process which I will keep as a priority in future projects.

Personal Website (www.anvo13.com)

- Created a personal website to host my resume and to highlight the projects that I've worked on.
- Learned web development fundamentals such as HTML, CSS, and JavaScript as well as user-interface design in deciding the look and feel of the site.

Movie Review Database/API/Website

- Worked in a team of 6 to develop and maintain an API to be consumed by our movie review web application.
- Gained experience working full stack: designing and implementing APIs, maintaining them, and consuming them via a REACT front end web application.

Engineering Experience

Columbia University DivHacks 2020 – Developer

- Developed a web application in REACT that presents a map displaying pollution levels in different cities in the U.S to be used by prospective urban planners.
- Gained experience working with a team, working with APIs, as well as design.

Revenge Body – Leader and Developer

- Developed and designed an iOS and Android cross platform application to calculate calorie expenditure for exercises.
- Held weekly meetings with our stakeholders to provide updates and ensure we are bringing their vision to life.
- Worked with clients to implement mechanical and biomechanics aspects into our project.
- Gained a better understanding of Swift language for iOS development, full stack development.

Leadership/Community Engagement

Mentor Collective

Mentor/Mentee

Denver, Colorado

June 2020 – Present

- Built strong relationships with mentees.
- Assisted other engineering students with setting and meeting goals.
- Encouraged motivation by holding mentees accountable.