Du Van

410-562-2472 | ayedu483@gmail.com

EDUCATION

University of California, San Diego San Diego, CA
Bachelor of Science in Computer Science *Sep. 2021 – May 2025*
Bachelor of Science in Mathematics *Sep. 2021 – May 2025*

Relevant Coursework GPA: 3.73
Intro to Quantum Computing, Theory of Computability, Cryptography, Algorithms

EXPERIENCE

University of California, San Diego January 2024 – June 2024
Undergraduate Tutor *San Diego, CA*
- Worked with over **600** students in a rigorous subject teaching Theory of Computability.
- Prepared and led group tutoring sessions to help students who are struggling with the material.
- Assisted the professor in preparing the course material by proof-reading, quality-checking, and giving feedback on daily assignments, exams, etc.

PROJECTS

Pantry Pal | *ChatGPT API, Whisper API, Dalle, Java, Gradle* September 2023 - December 2023
- Collaborated in a team of 6 on a full stack application that utilizes GPT-3, Whisper, and Dalle-3 to create recipes and image previews of a dish upon receiving an audio description.
- Allowed users to create secure profiles and save recipes on the server or local machine.
- Developed a project by adhering to Agile process and implemented software engineering principles such as OCP and DRY.

Trilogy Trends | *Python, numpy, sklearn, scipy* January 2024 - April 2024
- Collaborated in a team of 6 on a data science project aimed to find out which movie in a trilogy tends to do the best.
- Utilized machine learning methods and statistical tools to classify how well a movie does and how accurate the result is.

MangaDex Downloader | *MangaDex API, Python, bash shell* September 2023
- Developed a command line based application using Python to download chapters from MangaDex.
- Implemented MangaDex API to request chapters, find manga, and filter by tag.

TECHNICAL SKILLS

Languages: Python, Java, C/C++, ARM Assembly, R, MATLAB
Developer Tools: Git, VSCode, Jupyter Notebook