

Du Van

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EDUCATION

University of California, San Diego

Bachelor of Science in Computer Science and Mathematics

Masters of Science in Computer Science

San Diego, CA

Sep. 2021 – March 2025

March 2025 – June 2026

Relevant Coursework

Quantum Complexity Theory, Quantum Cryptography, Algorithm Design and Analysis

EXPERIENCE

Undergraduate Tutor

University of California, San Diego

January 2024 – March 2025

San Diego, CA

- Worked with over **1000** 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.

TECHNICAL SKILLS

Languages: Python, Java, C/C++, ARM Assembly, R, MATLAB

Developer Tools: Git, VSCode, Jupyter Notebook