Diego Guzman

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EDUCATION

University of California, Irvine

Bachelor of Science in Informatics   Irvine, CA | September 2021 - Expected June 2025

GPA: 3.3

RESEARCH EXPERIENCE

University of California, Irvine

Undergraduate Researcher   Irvine, CA | June 2023 - Present

- Manually creating succinct themes and codes that capture important features of qualitative data by using the Reflective Thematic Analysis process
- Utilizing large language models such as ChatGPT as tools to help the process of finding context appropriate themes and codes from large amounts of user studies such as interviews
- Employing ChatGPT's API and Python to streamline the process of using large language models for qualitative analysis

TEACHING AND MENTORING EXPERIENCE

University of California, Irvine

Learning Assistant, Programming with Software Libraries (Accelerated)   Irvine, CA | September 2023 - Present

- Teaching a wide variety of Python concepts to over 30+ undergraduate students who are mostly third year transfers and freshmen with prior programming experience
- Assisting undergraduate students with the debugging of their Python programs
- Helping undergraduate students transition from their prior programming experiences in languages such as Java and JavaScript to Python

Learning Assistant, Programming with Software Libraries   Irvine, CA | January 2023 - March 2023

- Taught a wide variety of Python concepts to over 30+ undergraduate students who were mostly freshmen and sophomores with little to no programming experience
- Assisted undergraduate students with the debugging of their Python programs
- Aided undergraduate students in learning how to use Git

CONFERENCES AND SYMPOSIUMS

"How Can ChatGPT Be Used As A Tool In Qualitative Analysis," UC Irvine Summer Undergraduate Research Fellowship Symposium, Irvine, CA, August 2023.

PROJECT EXPERIENCE

Simulated Email System   Irvine, CA | March 2023

- Utilized Java Swing to create an interactive email system used to send and receive emails between users
- Computed the email system to allow users to add new recipients and switch in between users

[Concept Hotel Website](#)   Los Angeles, CA | December 2022

- Utilized HTML and CSS to create the website's framework and styling
- Applied user interface heuristics onto the design aspect of the website in order to make it user-friendly

PROFESSIONAL ORGANIZATIONS

Mecha de UC Irvine

General Member   Irvine, CA | September 2022 - Present

- Participating in cultural and community outreach events, fostering awareness and appreciation of Chicano culture
- Collaborating with fellow members to advocate for educational opportunities and support initiatives benefiting the Latino student community at the University of California, Irvine

Hermanos Unidos

General Member   Irvine, CA | September 2022 - Present

- Assisting people in communities of need through acts of community assistance such as house renovations and street cleanups
- Providing guidance to Latino students in their collegiate careers by showing them the academic resources that are available to them through the University of California, Irvine

AWARDS, GRANTS, AND DISTINCTIONS

University of California Leadership Excellence Through Advanced Degrees ($4,000)	August 2023
2023 Information and Computer Sciences Diversity Conference Scholarship	August 2023
UC Irvine Chancellor's Excellence Scholarship	September 2021 - Present

PROGRAMMING AND MARKUP LANGUAGES

Python, JavaScript, Java, HTML, CSS, SQL, TypeScript

SOFTWARE IDES AND FRAMEWORKS

Git, Visual Studio Code, Eclipse, PyCharm, Angular