Jeziel Banos Gonzalez

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EDUCATION

University of Arizona   **Tucson, AZ**

Bachelor of Science in Computer Science, Minor in Information Science   *Aug 2021 – May 2025*

Coursework: Analysis of Discrete Structures, Database Design, Web Programming, Systems Programming & Unix, Operating Systems

GPA: 3.87 / 4.00

EMPLOYMENT

Undergraduate Teaching Assistant   **Aug 2022 - Present**

University of Arizona, Computer Science Department   *Tucson, AZ*

- Collaborated with a team of 15+ teaching assistants and 2 instructors to develop grading standards for 4+ exams and 10+ programming assignments.
- Hosted 200+ office hours and review sessions to answer student questions and resolve student concerns.
- Assisted 45+ students in developing and improving their code documentation skills.

PROJECTS

Mock Restaurant Arcade Database Design & Implementation | *Java, SQL*   **Apr 2024 - Apr 2024**

- Collaboratively designed a scalable and updatable database model with 3 group members to fulfill a Mock Pizzaria Arcade's needs.
- Led the design of the UI of a collaboratively built program that allows workers to easily insert, update, delete and query database records.
- Collaboratively implemented insert, update, and delete database record functionality.

Portfolio Website | HTML, CSS, React   **Dec 2023 – Feb 2024**

- Developed an interactive portfolio website displaying past projects utilizing React.
- Updating and modifying website content to reflect current professional goals.

Sentiment Analysis Model | *Python*   **Dec 2023 - Dec 2023**

- Collaboratively developed 4 sentiment analysis models to detect sexism in social media posts utilizing Python libraries Pandas, sklearn and NLTK.
- Cleaned and filtered 1500+ Twitter posts through stop word filtering and stemming to generate training-testing data splits.

TECHNICAL SKILLS

Languages: Python, Java, SQL, C, HTML, CSS
Frameworks: React, JUnit
Developer Tools: Vite, UNIX, Figma, Lucidchart, Github Desktop, VS Code, Eclipse
Libraries: OpenCV, Pandas, NLTK, sklearn, java.sql(JDBC)