

Jeziel Banos Gonzalez

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EDUCATION

University of Arizona

Tucson, AZ

Bachelor's of Science in Computer Science, Minor in Information Science

Aug 2021 – May 2025

Coursework: Analysis of Discrete Structures, Database Design, Web Programming, Intro to Web Design, 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 Pizzeria 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 and skills utilizing React.
- Updating and modifying website content to reflect current professional goals.
- URL: <https://jeziel-bg.github.io/PortfolioV2/>

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, Javascript

Frameworks: React

Developer Tools: UNIX, Figma, Lucidchart, Github Desktop, VS Code, Eclipse

Libraries: D3, java.sql(JDBC), OpenCV, Pandas, NLTK, sklearn