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
GPA: 3.87 / 4.00
Relevant Coursework: Analysis of Discrete Structures, Database Design, Web Programming, Intro to Web Design, Data Visualization, Systems Programming & Unix, Operating Systems

TECHNICAL SKILLS

Languages: Java, Python, SQL, C, HTML, CSS, JavaScript
Libraries & APIs: React, D3, JDBC, OpenCV, Pandas, NLTK, sklearn
Developer Tools: VS Code, Eclipse, GitHub, Figma, UNIX, Lucidchart

EMPLOYMENT

Undergraduate Teaching Assistant   **Aug 2022 - Present**
University of Arizona, Computer Science Department   *Tucson, AZ*
- Collaborated with 15+ teaching assistants and instructors to establish grading standards for exams and programming assignments.
- Hosted over 200 office hours and review sessions, providing support on coding projects, debugging techniques, and documentation best practices.
- Supported 100+ students in understanding data structures and algorithms, helping develop their programming logic and improve overall course performance.

PROJECTS

Portfolio Website | *HTML, CSS, React*   **Sept 2024 – Oct 2024**
- Developed an interactive personal website showcasing past projects and technical skills, utilizing **React** to create dynamic user experiences.
- Continuously updating and modifying website content to reflect current professional goals.
- URL: https://jeziel-bg.github.io/PortfolioV2/

Mock Restaurant Arcade Database Design & Implementation | *Java, SQL*   **Apr 2024 - Apr 2024**
- Led the design of a scalable database model for a mock pizzeria arcade, enabling efficient data insertion, updates, deletions, and queries.
- Collaboratively implemented insert, update, and delete database record functionality with the use of the **Java** API **JDBC** to connect to a Oracle **SQL** database

Sentiment Analysis Model | *Python*   **Dec 2023 - Dec 2023**
- Collaboratively developed and trained four sentiment analysis models to detect sexism in social media posts utilizing **Python** libraries **Pandas**, **sklearn** and **NLTK**.
- Processed and filtered 1,500+ Twitter posts for model training and testing through stop-word filtering and stemming.