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

GPA: 3.86 / 4.00

EMPLOYMENT

Undergraduate Teaching Assistant   Aug 2022 - Present
University of Arizona, Computer Science Department   *Tucson, AZ*
- Collaborate with fellow Teaching Assistants and Instructors to develop standardized grading rubrics.
- Encourage students to use good coding practices to help develop their documentation skills.
- Review student-submitted code to advise possible areas of improvement to further develop their coding style.

PROJECTS

Portfolio Website | *HTML, CSS, React*   Dec 2023 – Present
- Developed an interactive and dynamic website using HTML, CSS and React.
- Display current and past projects.
- Maintain and update website style and elements.

Sentiment Analysis Model | *Python*   Dec 2023 - Dec 2023
- Collaboratively developed multiple sentiment analysis models to detect sexist social media posts utilizing Python libraries Pandas, sklearn and NLTK.
- Cleaned training data through use of preprocessing techniques, stop words filtering and stemming, to improve model training results.

Shortest Path Finder | C   Nov 2023 - Nov 2023
- Developed a program that finds the shortest path between nodes on a graph.
- Builds graphs based on user provided input.
- Utilizes Dijkstra's algorithm to find shortest paths between graph nodes.

TECHNICAL SKILLS

Languages: Python, Java, C, HTML, CSS, JavaScript, SQL, R
Frameworks: React, JUnit
Developer Tools: Git, VS Code, Eclipse, Docker, UNIX
Libraries: OpenCV, Pandas, NLTK, sklearn, java.sql(JDBC)