

Gabriel Alexander Torres

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EDUCATION

Bachelor of Science in Computer Engineering
Texas A&M International University, Laredo, TX
Overall GPA: 3.64

May 2024

PROFESSIONAL EXPERIENCE

Software Engineering Intern
Northrop Grumman, Colorado Springs, CO

June 2023 – Present

- Developed software for a web application using Agile methodologies, adhering to a structured approach that allowed for continuous feedback and iteration. Collaborated closely with the product manager, software team, and customer to ensure seamless product integration.

Health Informatics Intern

January 2023 – April 2023

City of Laredo Health Department, Laredo, TX

- Responsible for developing a patient data management application, analyzing patient demographics, conducting research, and assisting with developing health content.

IT Business Analyst Intern

April 2021 – January 2023

Texas A&M International University, Laredo, TX

- Maintained reports based on Student Information System (SIS) data. Provided local program support for SQL student database applications. Created and modified programs to extract data from SIS using WebFocus Language.

ADDITIONAL EDUCATION

Advanced Research and Curriculum Applied Research Bootcamp
Texas A&M International University, Laredo, TX

May 2022 – July 2022

Full-Stack Web Development Bootcamp
Laredo College, Laredo, TX

July 2022

Gaining Equity in Training for Public Health Informatics and Technology Bootcamp
The University of Texas Health Science Center at Houston, Houston, TX

July 2022

PROJECTS

Web-Based Documentation Reference, Northrop Grumman

June 2023 – Present

- Developed a web application using HTML, CSS, JS, and VBS for displaying product material. The application holds important documentation in a centralized place for a better user experience.

Patient Data Management Application, City of Laredo Health Department

January 2023 – April 2023

- Developed a desktop application in Java for managing patient data. The application enables users in the health department to manipulate, extract, and view the data securely and efficiently.

Creating a GUI for a UML Model-Checking Application, Texas A&M International University

May 2022 – October 2022

- Researched and improved the functionality of the UML-based Specification Environment tool. Researched and used Java Swing to collaborate with a team of student researchers under a faculty advisor.

ACADEMIC & PROFESSIONAL AFFILIATIONS

President, TAMIU Students for the Exploration and Development of Space

August 2022 – Active

Member, National Association of Rocketry

November 2022 – Active

Member, TAMIU Society of Hispanic Professional Engineers

June 2022 – Active

HONORS & AWARDS

- TAMIU College of Arts and Sciences Dean's List
- GET PHIT Research Project Certificate of Excellence
- Carroll E. Summers, III Memorial STEM Endowed Scholarship
- Sanchez Family Foundation Engineering Scholarship

CORE COMPETENCIES

- **Technical Skills:** Machine Learning, Web Development, GUI Programming, Research
- **Programming Languages:** C/C++, Java, Python, HTML, CSS, JS, MySQL, VBS
- **Languages:** Bilingual in English and Spanish
- **Other Skills:** Agile Methodology, Time-Management, Problem Solving, Adaptive