Gabriel Alexander Torres

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SKILLS

- C/C++
- Java
- SQL
- Python
- WebFocus
- Web Development
- Data Management
- Adaptable
- Problem-Solving
- English and Spanish
- Leadership
- Time-Management

EDUCATION

06/2020 – Present
BS in Computer Engineering | *Texas A&M International University, **Laredo, TX***
Expected Graduation Date: May 2024 | **GPA:** 3.64/4.00

05/2022 – 07/2022
TAMIU Applied Research Bootcamp | *Texas A&M International University, **Laredo, TX***
Collaborated with team members to accomplish research tasks with timeliness and integrity. Attended research development and graduate school preparation seminars.

07/2022
Laredo College Full-Stack Web Development Bootcamp | *Laredo College, **Laredo, TX***
Introduced to full-stack website development concepts (HTML, CSS, PHP, MySQL). Developed a simple website to demonstrate the acquired bootcamp knowledge.

07/2022
UT Health Houston GET PHIT Bootcamp | *Texas A&M International University, **Laredo, TX***
Attended informational lectures about applied data science in the health industry. Conducted a group research project to demonstrate the acquired bootcamp knowledge.

EXPERIENCE

01/2023 – 04/2023
Health Data Analyst Intern | *City of Laredo Health Department,* **Laredo, TX**
Responsible for creating patient profiles, analyzing patient demographics, conducting research, and assisting with the development of health education content.

04/2021 – 01/2023
IT Business Analyst Intern | *Texas A&M International University*, **Laredo, TX**
Maintain reports based on Student Information System (SIS) data. Provide local program support for SQL student database applications. Create and modify programs to extract data from SIS using WebFocus Language.

PROJECTS

08/2022 – Present
TAMIU SEDS High Powered Solid Rocket | *Texas A&M International University*
Implement microprocessor programming techniques, and electrical engineering concepts to design and create the electronics and payload system for a high-powered solid rocket.

08/2022 – Present
NASA Lunabotics Autonomous Mining Robot | *Texas A&M International University*
Use object-oriented programming techniques, microprocessors, and electrical engineering foundations to design and create an autonomous mining robot for competition.

05/2022 – 11/2022
Creating a GUI for a UML -Model-Checking Application
Research and improve the functionality of the UML-based Specification Environment (USE) tool. Collaborate with a team of student researchers under a computer science faculty advisor.

MEMBERSHIP IN PROFESSIONAL SOCIETIES

11/2022 – Present   National Association of Rocketry (NAR) – ***Member***
08/2022 – Present   TAMIU Students for the Exploration and Development of Space (SEDS) – ***Secretary***
06/2022 – Present   TAMIU Society of Hispanic Professional Engineers (SHPE) Region V – ***Member***
06/2022 – Present   TAMIU DustyTRON Robotics – ***Member***
05/2022 – Present   TAMIU Computer Science and Engineering Association – ***Member***

COMMUNITY SERVICE

06/2019 – Present   **Worship & Multimedia Director** | *Renacer Iglesia Cristiana, **Laredo, TX***
Lead and motivate team members for the weekly Sunday service. Set up and maintain multimedia hardware/software equipment. Plan and direct weekly schedules, events, and practices. Volunteer in church-hosted events and fundraisers.

06/2022 – 10/2022   **Percussion Technician** | *Martin High School, **Laredo, TX***
Led, instructed, and motivated a group of high school students to improve their musical skills. Set up and maintain marching percussion equipment. Help establish a culture of excellence and success in the marching band organization..

HONORS AND AWARDS

- TAMIU College of Arts and Sciences Dean's List
- Carroll E. Summers, III Memorial STEM Endowed Scholarship
- GET PHIT Research Project Certificate of Excellence
- Sanchez Family Foundation Engineering Scholarship
- TAMIU General Scholarship
- Martin High School Class of 97' Scholarship
- League of United Latin American Citizens Council 12 Scholarship
- Rosia Campos-Dominguez Memorial Scholarship
- Class of 2020 Certificate of Merit (Top 5%)