Alex Gomez

(832) 967-8210
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Young professional looking to find a full-time position in software development. Easily adaptable, team player, and eager to learn; I am always looking for a new challenge and will apply myself to whatever opportunity is presented to me.

PROFESSIONAL EXPERIENCE

Bell Flight   **Hurst, TX**
Software Test Engineer   *July 2023 – Present*

- In charge of developing high level test strategy for avionics software requirements
- Interfaced and cooperated with the Systems Integration Lab (SIL) developing the test framework to ensure sufficient capabilities for verifiable tests.

Product Cybersecurity Engineer

- Designed Cybersecurity microservices in system of systems architecture for the Future Long-Range Assault Aircraft (FLRAA) program
- Directed development of services in charge of managing secure data sanitization as well as managing digital identity of components aboard the aircraft
- Interfaced and led meetings directly with our customer and suppliers in order to match design expectations and capability with our requirements

Textron Systems   **Cockeysville, MD**
Aerospace Engineering Intern   *May 2022 – August 2022*

- Undertook autopilot development and integration for unmanned air systems
- Developed tools for flight test analysis using MATLAB, JavaScript, HTML, and Excel
- Reduced subscale testing workflow by 25%, resulting in increased workflow & hours saved per flight test

Textron Aviation   **Wichita, KS**
Propulsion Engineering Intern   *May 2021 – August 2021*

- Researched and identified a root cause for the Fuel System on the Longitude line of aircraft utilizing a flight database
- Examined and adjusted tolerances for holes in the ribs of the fuel tank in CATIA V6 to account for flaws in production & revising drawings for an upcoming XLS+ block point change
- Met weekly with Propulsion team to discuss project updates and goals for the group

EDUCATION

Texas A&M University   **College Station, TX**
Bachelor of Science in Aerospace Engineering   *May 2023*
Minor in Computer Science

SKILLS

Programming: Python, C++, UNIX/LINUX, JavaScript, HTML/CSS, MATLAB, Docker

Systems Engineering: CAMEO, Simulink

CAD/CFD: Solidworks, CATIA, XFLR5, AAA

Language: English, Spanish (Fluent)