

# Alex Gomez

(832) 967-8210  
gomezaleg@gmail.com



*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

July 2023 – Present

#### Software Test Engineer

- 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  
Minor in Computer Science

May 2023

## ADDITIONAL SKILLS

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

**Systems Engineering:** CAMEO, Simulink

**CAD/CFD:** Solidworks, CATIA, XFLR5, AAA

**Language:** English, Spanish (Fluent)