

# Andres Lezama

<https://www.linkedin.com/in/andres-lezama/> | <https://andressilver.github.io/> | [andreslezama2000@outlook.com](mailto:andreslezama2000@outlook.com)

## CAREER PROFILE

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**Programming languages:** C#, C++, Python, SQL, HTML/CSS, JavaScript

**Technical skills:** Data Structures and Algorithms, Project Management, Computer Design and Architecture, Object Oriented Programming, Database Management, Multithreading, Software Engineering, IT Security, .NET, Git, GitHub

**Additional skills:** Spanish, English, Portuguese

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## EXPERIENCE

**Innovative Dynamic Solutions** – Katy, TX

Sep. 2022-Present

### Software Developer Internship

- Provided in-depth analysis of company and client infrastructure, systems, and software requirements, leading to optimized solutions that met business objectives
- Managed, and built software and systems for the company including Databases, virtual private networks, simulation software and embedded systems of oil drills with functionality testing over 77% and 100% on deadline delivery
- Implemented a ticketing system to streamline communication within the team, leading to significant improvements in issue resolution and enhancing overall development and operational efficiency.

**Allegiant G.** – Katy, TX

Sep. 2019-Mar. 2020

### Professional Consultant

- Capitalized on 10-year high-end technology knowledge, and identifying customer's requirements of computer needs
  - Contributed to team success on grand opening with a teamwork mentality, with team A placing 1st in sales 7 times
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## PROJECTS

### Vehicle and Aircraft Simulator – C#, C++

- Supplied new 3D multiuse tool for pilot and driver practice including Airplanes, Cars, Trucks, and Helicopters
- Utilized Scrum participating as Product Owner, Scrum master, and development communicating with different team members to more efficiently allocate time and resources to create a product that meets requirements

### Book Reader Web App – JavaScript, HTML/CSS, C#

- Developed a Blazor web application to convert and store PDFs as base64 binary, enhancing data encoding and decoding capabilities
- Applied SDLC principles as a group to design a scalable infrastructure, ensuring the app's capability for future development and growth in a 16-week period of group development

### Meeting Organizer App – C#

- Developed an application enabling users to organize and schedule meetings through a user-friendly interface reducing planning time by 80%
- Designed and tested an app as a group to ensure reliable performance and user satisfaction in managing appointments to at least 90% satisfaction and achieved 100%

### Homelab and Habit tracker– Python, SQL

- Engineered a Homelab system and database usage to host personal projects and designed a cloud storage solution with 98% uptime
  - Created a habit tracker app with an endpoint (API) usage to develop a systematic change for users to create habits
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## EDUCATION

**University of Houston-Victoria** – Katy, TX

May 2024

### Bachelor of Computer Science (BS)

- 3.6/4.0 GPA; Cum Laude
- Dean's List 4 terms
- President's List

**Lone Star College-CyFair** – Cypress, TX

Dec. 2022

### Associates of Arts (AA)

- Club Leader of the Computer Science Club at the Lone Star College Westway Park Technology Center
- Dean's List 3 terms