Andres Lezama

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CAREER PROFILE

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, Telecommunications, IT Security, .NET, .NET Core, Git, GitHub

Additional skills: Spanish, English, Portuguese

EXPERIENCE

Innovative Dynamic Solutions – Katy, TX   Sep. 2022-Present

Software Engineer

- Provided expert consultation on the company and client's infrastructure, systems, and software requirements
- 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

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

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. 2021

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