

Lysander Gutierrez

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EDUCATION

The University of Texas at Austin, Austin, TX

May 2022

Master of Science: Computer Science

GPA: 4.0

Texas A&M University, College Station, TX

December 2019

Bachelor of Science: Computer Engineering

GPA: 3.6

Minor: Cybersecurity

Graduated Cum Laude

SKILLS

Technical /Computer Skills: Full-Stack Development (Angular, NodeJS, Go), Cloud Computing(AWS), Data Engineering, API Development, Containerization (Docker, Kubernetes), Agile Practices

Languages: Go, Javascript(Node.js, Angular), Python, Java, C/C++, Typescript, SQL, UNIX/BASH

EXPERIENCE

Capital One, Chicago, Illinois

March 2022

Senior Associate Software Engineer

- Spearheaded the migration of legacy APIs to Go, reducing latency by 30% and operational cost.
- Engineered and maintained full-stack applications using Angular and Node.js
- Conducted data engineering tasks during conversion events, ensuring data integrity and availability
- Collaborated in Agile teams to design, develop, and implement robust cloud-based solutions.

NASA, Houston, Texas

February 2020 to March 2022

Software Engineer

- Orchestrated the transition of Mission Control Center's operating system from Red Hat 6 to 8, mitigating security risks and enhancing performance.
- Automated Linux applications using Python and BASH, increasing operational efficiency by 25%.
- Actively participated in daily software scrums, leveraging Agile frameworks and VersionOne for optimal project management

Texas A&M University, College Station, Texas

August 2017 to May 2018

Undergraduate Teaching Assistant

- Assisted students in computer science courses at Texas A&M by aiding the graduate teaching assistant during lab hours.
- Organized office hours where students could come visit and receive help in their computer science courses which allowed the gap to be bridged between student and professor.
- Courses Taught
 - CSCE 121: C++ Design Principles
 - CSCE 221: Data Structures and Algorithms

LEADERSHIP & COMMUNITY INVOLVEMENT

Texas A&M University, College Station, Texas

March 2018 to March 2019

Counselor and Leadership Position

- Assisted in the transition of new transfer students into the university and maintained continuity throughout their experience at Texas A&M University.
- Facilitated logistics and organized events with 300+ new students.