

Mike Rojas

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EDUCATION

University Of Central Florida

Bachelor of Computer Science

Orlando, FL

June 2019 – May 2024

Valencia College

Associate's in Engineering

Orlando, FL

June 2019 – July 2021

EXPERIENCE AND PROJECTS

WaterSafeAI

University Of Central Florida

September 2023 - April 2024

Orlando, FL

- Built a mobile-first AI application to assess water quality using real-time geolocation.
- Developed front-end with React Native and integrated backend data streams for ML inference.
- Collaborated with cross-functional AI and backend teams to ensure scalability, data accuracy, and performance.
- Followed software development best practices for testability, maintainability, and version control.

Deloitte

Cloud Engineer

September 2024 - Current

Orlando, FL

- Architected cloud-native applications using AWS (EC2, Lambda, S3), emphasizing scalability and fault tolerance.
- Integrated Lambda for serverless architecture, enhancing performance and reducing cost.
- Worked closely with frontend teams to ensure seamless deployment of cloud-integrated web apps
- Gained exposure to telemetry, logs, and debugging tools for monitoring and optimization

Venom Gains MERN stack project

University Of Central Florida

Summer 2023

Orlando, FL

- Created a full stack gym app using a MERN technology
- Worked to develop the UI and front end with react native
- Worked with react to develop the frontend of the website

Compiler in C

University Of Central Florida

January 2023 – April 2023

Orlando, FL

- Designed a functioning compiler in C; implemented code generation, symbol table, and linker
- Reinforced algorithmic thinking, group coordination, and low-level systems understanding

RELEVANT COURSES

Computer Science 1 | *Language:C*

August 2022 – December 2022

- * Learned data structures such as AVL trees , heaps,etc.
- * Learned different algorithms such quick sort and others
- * Learned run time Analysis for different structure and algorithms
- * Created 7 projects implementing different algorithms in each one

Computer Science 2 | *Language:Java*

January 2022 - Present

- * Learned more in depth about run time and big O
- * Learned about graph and algorithms like Dijkstra such as others
- * Learned about space complexity

TECHNICAL SKILLS

Languages: Java, Python, C, HTML/CSS, JavaScript , React , AWS , Spl

Frameworks and Tools: React, React Native, Node.js, AWS (EC2, S3, Lambda), Git, Splunk

Concepts: AI/ML basics, Data Structures Algorithms, Cloud Infrastructure, Responsible AI (aware)

Bilingual Can speak and write on Spanish