Michael Rizig

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Profile

Software engineer with a fresh background in computer science and a passion for growth. Highly motivated and results driven. I am well-versed in the concepts and practices of programming, and am proficient in a variety of programming languages

Experience

FREELANCE PROJECTS | SEPTEMBER 2021 – PRESENT

· Recent Project: Developed a real-time data processing application for Gwinnett County Public Schools, integrating the Samsara Kafka Connector to consume Asset Location and Asset Speed events. Implemented data extraction, format checks, and storage in an SQL server database, with separate tables for valid and rejected events. Utilized Docker for containerized deployment, ensuring consistent and scalable solutions. Enhanced system efficiency with real-time monitoring and error handling, transitioning from API polling to Kafka-based streaming for near real-time visibility into school bus operations. Gained hands-on experience with Python/C# and full-stack development, contributing significantly to operational efficiency.

IT INTERN | DELTA COMMUNITY CREDIT UNION | MARCH 2020 – AUGUST 2021

· As an IT Intern at DCCU I had a hand in creating and managing large scale IT deployments, managing system monitoring and health metrics, and developing in-house fraud detection software.
· Helped with implementing database security and Redhat Linux administration and management. Had a hands on role in Data Compilation, and using data engineering techniques to understand trends.

APPRENTICE TELLER | DELTA COMMUNITY CREDIT UNION | MAY 2019– MARCH 2020

· Highlight on Customer Service and Sales. As a teller I handled large quantites of physical and digital currencies, managed accounts, made wire transfers, and helped open and close member accounts.
· Gave support and hands-on help in day-to-day processes at a base level at Delta Community Credit Union.

Education

MASTER OF SCIENCE IN COMPUTER SCIENCE | DEC 2025| KENNESAW STATE UNIVERSITY, ATLANTA GA (DUAL DEGREE PROGRAM)

BACHOLER OF SCIENCE IN COMPUTER SCIENCE | MAY 2025 | KENNESAW STATE UNIVERSITY, ATLANTA GA. (3.81 GPA) CONCENTRATION IN ARTIFICIAL INTELLIGENCE

Skills & Abilities

· Python, Java, C++, Js, Css, C#
· Linear Regression, SGD, NN, CNN, Deep Learning
· Pytorch, Tensorflow, AWS, Kafka, Git
· SQL, NLP, Machine Vision, Data Science
· Time Management Skills, Team Collaboration
· Motivated Worker