Johnathan Carrizales

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Detail-oriented Junior Software Developer with strong analytical and problem-solving skills, proficient in multiple programming languages and frameworks.

SKILLS & INTERESTS

Languages: Python, Java, C++, JavaScript, C#

Frameworks/Libs: React, .NET, Node.js, TensorFlow, Scikit-learn

Data/Databases: Pandas, NumPy, T-SQL, MySQL

Cloud/DevOps/Tools: Git, GitHub, VS Code, Microsoft Azure, AWS (basic)

EDUCATION & HONORS

Texas State University – San Marcos, Texas Graduation Date: 2022 - 2025

Bachelor of Science in Computer Science

Major: Computer Science

GPA: 3.7

• honors
• Relevant Coursework: data structutres

EXPERIENCE

Outlier AI – Remote October 2024 - Present

Contributor

- Analyze AI model outputs across various tasks, enhancing generative model accuracy and reliability.
- Provide strategic feedback for model refinement, supporting significant improvements in system performance.
- Adapt to evolving project demands and model updates, ensuring alignment with development goals.

Code Ninjas – Deer Park, TX April 2021 - March 2022

Code Sensei

- Taught JavaScript fundamentals, leading project-based learning initiatives that increased student engagement.
- Promoted for developing and implementing curriculum enhancements, improving educational outcomes.
- Collaborated with staff to maintain a high-quality, safe, and organized learning environment.

PROJECTS

Crash Severity Prediction using Machine Learning

- Developed models using Random Forest and Logistic Regression to predict injury severity from 190K+ crash records.
- Optimized feature engineering and model tuning, achieving a 60% reduction in false negatives.

Cancer Diagnosis Expert System

- Created a Python-based expert system with a Tkinter GUI to assist in medical diagnosis using rule-based logic.
- Enhanced system accuracy by expanding the rule base, catering to multiple medical conditions effectively.