

Alfredo Figueroa Rosado

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Machine Learning and Computer Vision-focused developer with strong experience in Python and data-driven problem solving. Skilled in building AI systems, RESTful APIs, and performing quality analysis in remote environments. Able to analyze data, identify issues, and improve system performance.

PROFESSIONAL EXPERIENCE

One Gas Company

January 2026 – March 2026

Quality Analyst (Remote)

- Verified processes and customer orders using structured scripts
- Documented findings and tracked issues in Google Sheets
- Collaborated with team members to analyze results and report problems
- Contributed to quality improvements through detailed reporting

Arise Solutions

February 2022 – Present

Customer Service Representative (Remote)

- Provided customer and technical support in a high-volume environment
- Maintained strong communication and problem-solving skills
- Managed multiple tasks while ensuring customer satisfaction

EDUCATION

Atlas School, Tulsa, OK

Diploma in Computer Science & Machine Learning

April 2026

TECHNICAL SKILLS

Languages: Python, C++, JavaScript, HTML, CSS

Machine Learning: TensorFlow, PyTorch, Keras, OpenCV, Scikit-learn, BERT

Web & Systems: REST APIs, Flask, Linux, Git

Other: Data Analysis, Problem Solving, Remote Collaboration

PROJECTS

Object Detection (YOLO v3)

- Built a real-time object detection system using TensorFlow and OpenCV
- Implemented IoU and Non-Max Suppression to improve accuracy

QA Bot (BERT)

- Developed a semantic search chatbot using BERT
- Extracted accurate answers from large datasets

AirBnB Clone – RESTful API

- Built a REST API with Flask supporting CRUD operations
- Ensured reliability with unit testing