MARIO CUEVAS

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Objective

Computer Science student and student-athlete seeking a full-time technology role across software, data, IT, or machine learning. Combines technical skills, analytical thinking, and strong time-management to support data-driven decisions and efficient systems in professional environments.

Skills

- Python (AI/ML, Networking, Systems)
- Machine Learning & Deep Learning (PyTorch, TensorFlow)
- Reinforcement Learning (Q-Learning, MDPs)
- Linux / ROS Noetic (Robotics & Research Environments)
- Network Programming & Security (Sockets, TCP/IP, Wireshark, Burp Suite)
- API & Backend Development (FastAPI, Flask)
- Cloud & Containerization (AWS SageMaker/Lambda, Docker)
- Data Structures & Algorithms

Experience

Automeit.ai | New York, NY
Founder & AI Engineer
12/2024 - Current

- **Processed 5,000 automated tasks per month in a closed beta of our AI agent platform, doubling throughput within two months.**
- Secured three pilot clients—collectively saving them 30 hours of manual work per week by tailoring agent workflows to their needs.
- Architected a lightweight, Docker-based orchestration system for LangChain agents, reducing server costs by 20%, while improving overall reliability

Vedi Robotics | New York City, NY
Software Engineering Intern
05/2025 - 08/2025

- **Developed a Python Flask microservice to serve a trained NLP model via REST API, cutting inference latency by 35%, and enabling real-time sentiment analysis in the company's chatbot.**
- **Implemented a GitHub Actions CI/CD pipeline with Docker for TensorFlow model training and deployment, reducing manual release effort by 75%, and ensuring consistent, reproducible builds.**
- Optimized a vision transformer model on AWS SageMaker through quantization and pruning, shrinking the model size by 60%, and lowering inference costs by 40% per 1,000 requests

Be.Brooklyn | New York City, NY
Data Science Intern
06/2023 - 08/2024

- Developed an end-to-end data-cleaning and ETL pipeline in Python that reduced raw data processing time by 40% and enabled daily refreshes of our analytics dashboards.
- Engineered a predictive churn-risk model using scikit-learn and XGBoost that achieved 88% accuracy, allowing the marketing team to target at-risk customers, and improve retention by 12%.

Projects

Autonomous Garbage Collection Robot (ROS Noetic)
- Developed an autonomous robot using ROS Noetic and a PyTorch CNN for real-time object detection
- Implemented a computer vision pipeline achieving **75%+ detection accuracy** in varied environments

US Traffic Collision Analysis & Forecasting (2016–2023)
- Built machine learning and time-series forecasting models on a multi-year national collision dataset
- Analyzed spatial and temporal patterns to predict high-risk zones and future collision trends

SecuScript DSL Compiler
- Designed and implemented a domain-specific language compiler using Bison, including grammar and parser development

Web Security Research (PortSwigger Academy)
- Completed hands-on labs in web exploitation and traffic analysis using Burp Suite and Wireshark

Education

Clark Atlanta University | Atlanta, GA
Bachelor of Science in Computer Science
Expected in 05/2026
Relevant Coursework: Data Structures, Algorithms, Object-Oriented Programming, Software Engineering, Database Systems, Artificial Intelligence, Compiler Design, Computer Networks, Cybersecurity, Web Development, Robotics, Machine Learning
GPA : 3.03

Extracurricular Activities

Student-Athlete (Baseball): Competed at the D1 (Coppin State) and D2 (Clark Atlanta) levels demonstrating elite time-management, discipline, and leadership as a team captain.
Member, AUC NSBE Club: Actively participate in chapter meetings, networking events, and community outreach initiatives.
Tutoring: Mentored 10+ peers weekly in Python, data structures, and algorithms helping raise average student grades by 20%