Kevin Galvan Cuesta

Machine Learning Engineer and Data Scientist

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EDUCATION

Georgia Institute of Technology, GPA: 4.0   *Anticipated Graduation - May 2026*

Master's of Computer Science, Artificial Intelligence Concentration

Coursework: Machine Learning, Natural Language Processing, Reinforcement Learning, Knowledge-Based AI, Machine Learning in Trading, Human-Computer Interaction

Case Western Reserve University, GPA: 3.89   *Aug. 2018 - May 2022*

Bachelor of Arts in Computer Science, Economics & Philosophy, Minors in AI and Political Science

Awards - *Jack Kent Cooke Graduate Scholar, Hispanic Scholarship Fund Scholar, Dean's Honors 2018-2022*

EXPERIENCE

UNDISCLOSED (NDA)   *April 2025 - Current*
Machine Learning Engineer

- Engineered a real-time Computer Vision scanner application with TensorFlow Lite and PyTorch that detects tongue position and image clarity to help doctors give quicker diagnoses to patients on iOS and Android.
- Modified the base YOLOv8 architecture via weight freezing and fine-tuning. Achieved 99% accuracy in 0.3 second video scans using less than 15 MB of memory.
- Researched and implemented Automatic Prompt Optimization algorithms as well as AI safety and consistency measures.

INSPIRE BRANDS   *Jan. 2024 - Dec. 2024*
Data Analyst, Guest Experience Analytics

- Provided ML analytic support to decision makers for Arby's, Buffalo Wild Wings, Jimmy John's, and Sonic, often leading to concrete app and operational changes.
- Led the redesign of Guest Experience data engineering processes. My automations have since connected 6 million+ transactional surveys using Python, SQL, and Snowflake.
- Enhanced the Guest Experience feedback program by creating and distributing surveys, building field-facing dashboards for 42,000 users, and analyzing responses to improve restaurant performance.

CALIFORNIA HOUSING DEPARTMENT   *June 2022 - Mar. 2023*
Data Science Consultant

- Forecasted and automated land plot market valuations via ML methods using Python, Scikit-Learn, Excel, and CUDA resulting in significant cost savings for the department.
- Achieved 81% accuracy on an SVM ensemble to predict the likelihood of obtaining building permits on land parcels in Python using the forecasted market valuations.
- Presented our findings, leading 7 other cities joining the project, drastically increasing our data availability.

CASE SCHOOL OF ENGINEERING   *Dec. 2021 - May 2022*
Research Lead and Web Developer

- Developed a Python Computer Vision web app for Statics Engineering practice, scaling to 80+ Universities. This project used OpenCV, Blazepose and Caffe for detection and JavaScript, HTML and AWS for the app.

TECHNICAL SKILLS

Certifications - *Google Advanced Data Analytics, PowerBI Dashboards, Big Data with PySpark*

- Machine Learning
- Python
- PyTorch & Tensorflow
- Computer Vision & LLMs
- Data Science
- Excel & R
- SQL & Snowflake
- Tableau & PySpark
- Software Engineering
- Java, Swift & Kotlin
- JavaScript & HTML
- Git, AWS & Node.js