

Kevin Galvan Cuesta

AI/ML Systems Research Engineer

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EDUCATION

Georgia Institute of Technology, GPA: 4.0

Jan. 2025 - May 2026

Master of Science in Computer Science, Artificial Intelligence Specialization

Case Western Reserve University, Major GPA: 3.89

Aug. 2018 - May 2022

Bachelor's in Computer Science, Economics, and Philosophy, Minors in AI and Political Science

Awards - Jack Kent Cooke Scholar; NextWave Hackathon — 1st Mexico, 4th Internationally; built multi-agent voice system with shared live-market state, deterministic evaluator, and policy checks

SELECTED RESEARCH

SPAR AI SAFETY RESEARCH

Sept. 2026 - Present

Research Fellow

- Co-developing an economic agent-based model of AI adoption and delegation to study productivity, skill atrophy, social-network effects, path dependence, and reversibility; leading Python implementation and computational experiments.

GEORGIA INSTITUTE OF TECHNOLOGY

Jan. 2026 - Present

Researcher and Project Lead

- Led research evaluating robustness of four 3D stroke-lesion segmentation models under MRI motion artifacts, building reproducible 5-fold training/evaluation pipelines on multi-GPU HPC; **accepted at IEEE BIBM 2026**, main track. Preprint in portfolio.
- Independently conducted a controlled human-participants study (N=97) evaluating how AI-generated summaries and decision aids influence human decisions, perceived risk, confidence, and reliance; preprint in portfolio.

EXPERIENCE

APRICOT AI

April 2025 - Present

Machine Learning Engineer

- Built Python RAG and evaluation/safety pipelines for a clinical LLM using BM25/vector retrieval, reranking, hallucination detection, Chain-of-Verification, and prompt evaluation; detected hallucinations in 70% of corrupted-response tests.
- Architected and deployed real-time on-device ML inference (PyTorch/TensorFlow Lite) across iOS and Android, achieving 99% clinical-grade capture with a <12MB YOLOv8n model and <180ms latency.

INSPIRE BRANDS

Jan. 2024 - Dec. 2024

Data Analyst, Machine Learning

- Designed and deployed an automated survey system via REST APIs, linking tens of millions of transactional events to personalized outreach annually; internally projected to save over \$1.5M per year.
- Redesigned large-scale analytical pipelines in Python, SQL, and Snowflake and delivered statistical, ML, and NLP analyses informing product and operational decisions across 4 national brands.

CALIFORNIA DEPARTMENT OF HOUSING

June 2022 - Mar. 2023

Data Science Consultant — in collaboration with Dr. Daniel Shoag, Harvard Kennedy School

- Built Python/scikit-learn ML pipelines for land valuation and development prediction, including a CUDA-accelerated SVM ensemble achieving 81% accuracy; presented findings that led 7 additional cities to join the project.

TECHNICAL SKILLS

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|------------------------------------|----------------------------------|------------------------------|
| • LLM Evaluation & Retrieval | • Evaluation Design & Statistics | • Python & SQL |
| • Agentic AI & Multi-Agent Systems | • Reinforcement Learning | • HPC, SLURM & Docker |
| • ML Systems & Deployment | • PyTorch & TensorFlow | • AWS, REST APIs & Snowflake |