

## Francisco Reveriano

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### Profile

Expert Engagement Manager at McKinsey with an advanced graduate degree in Computer Engineering, strong research background in Artificial Intelligence, and a proven track record leading the end-to-end delivery of large-scale enterprise Generative AI solutions for financial institutions.

### Technical & Alignment Skills

**GenAI & Agentic Systems:** Agentic Architectures, OpenAI Agents SDK, AWS Strands, Bedrock Agents, Claude API, Gemini API, LangGraph, AutoGen, Palantir AIP, RAG Architectures, Multi-Agent Orchestration, Vector Databases, Prompt Engineering, Function Calling, AI Code Acceleration

**Programming & Frameworks:** Python, C/C++, Julia, CUDA, SQL, JavaScript/TypeScript, React, FastAPI, PyTorch, Claude Code, CODEX

**Cloud & Infrastructure:** AWS, Azure, GCP, Lambda Labs, Docker, Kubernetes, Terraform, CI/CD, OpenTelemetry, MCP, A2A

**Project Management:** Agile, Scrum, Jira, Confluence, OKRs, Executive Reporting, Change Management, Vendor Due Diligence

**Spoken Languages:** English (Fluent), Spanish (Fluent), Russian (Intermediate), Arabic (Beginner)

### EDUCATION

Duke University, Durham, NC

2019 - 2021

Master in Computer Engineering -- GPA: 3.8/4.0

University of Houston, Houston, TX

2017 - 2019

Bachelor of Science in Computer Engineering – GPA: 3.9/4.0

Grinnell College, Grinnell, IA

2009 - 2013

Bachelor of Arts in Economics – GPA: 3.7/4.0

### SELECTED WORK EXPERIENCE

McKinsey & Company, Austin, TX

2021 - Present

*Expert Engagement Management in Artificial Intelligence (2024-Present)*

- **Promoted 3x faster than standard timeline**, advancing from Specialist to Engagement Manager in under 1 year
- **Patent Pending on novel Hallucination Detection** methodology for LLM and Agentic Responses
- **Trained a Small Language Model for a Central Asia government tax platform:** using LoRA fine-tuning, DPO, and knowledge distillation
  - Model was incorporated into an Agentic Retrieval Augmented Generation (RAG) on a Lambda Lab+ Azure Server stack
- **Delivered a Multi-Agentic Platform for workforce planning at a large regional bank:** leveraging AWS Strands, Bedrock, Anthropic and designing a best-in-class AWS architecture for agent orchestration
  - Solution enabled automated SQL querying, model training, and real-time Monte Carlo & Bayesian scenario analysis for +30k employees
- **Designed, built, and deployed a full-stack real-time agentic solution for call center operations in 6 months:** from on-premises infrastructure setup and agent development through testing and production rollout — achieving 57% efficiency improvement in client response handling
- **Developed an Risk and Control Self-Assessment (RCSA) Agentic solution for a banking** deployed in 6 different regional banks
- **Developed a GraphRAG Compliance Engine for a global ride-sharing company** which performs real-time agentic global legal search
- **Led the end-to-end development of a GenAI Knowledge Retrieval Tool for a Commercial Investment Bank**, coordinating 10+ cross-functional technical teams (including McKinsey, client, and vendor teams) across Europe, India, and the U.S., and achieving an 85% adoption rate

*Specialist in Data Science & Analytics (2023-2024)*

- **Patented (pending) a proprietary hallucination detection framework for LLMs**, commercially deployed across multiple banking clients
- **Designed AI-driven reconciliation algorithms for syndicated lending at a top-3 Japanese bank**, reducing work-in-progress backlog by 92%
- **Developed McKinsey's Model Bias Testing Framework**, and identified critical biases in 3 production healthcare models

*Senior Analyst in Model Development (2021-2023)*

- **Validated a multiple Fraud, Optimization, and Credit Risk models** for multiple LATAM and North American banks

U.S. Bancorp, Minneapolis, MN

2020 - 2021

*Lead Quantitative Risk Model Developer*

- **Advanced from Summer Intern to Lead Wholesale Portfolio Analyst** in 6 months while leading development C&I CCAR Modeling
- **Led the Automation of multiple model testing suites and report generation**, reducing the validation process by 70%

Fast River Logistics Inc., Houston, TX

2013 - 2020

*Founder & Chief Executive Officer*

- **Founded and scaled an interstate freight trucking company**, expanding operations to 48 states with consistent profit growth over 6 years

### Research

Duke Applied Machine Learning Laboratory, Durham, NC

2019 - 2021

- **Developed Object Detection Neural Network Models and Adversarial Detection models** for DARPA and the Department of Defense

National Center for Supercomputer Applications (NCSA), Urbana-Champaign, IL

2019 - 2019

- **Researched and developed Neural Network video compression techniques** utilizing IBM HAL cluster

Pittsburg Supercomputer Center, Pittsburg, PA

2018