

ULISES VINA-ALMEIDA

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EDUCATION

Universidad Nacional Autónoma de México (UNAM)

B.S. in Mathematics — Focus on Machine Learning / Algorithms

Expected 2029

Mexico City, MX

EXPERIENCE

SkyHorus

Co-Founder

June 2024 - Present

Mexico City, MX

- Engineered a premium UI/UX experience for a security suite using React and Tailwind CSS, increasing user retention by 35% through intuitive threat visualization.
- Architected a multi-agent AI orchestration layer using Apple's MLX and Llama 3, automating the classification of 100+ monthly security reports with 94% accuracy.
- Optimized inference latency by 13% by fine-tuning DistilBERT models for real-time edge deployment on localized hardware.

Celuzen, LLC

Lead Developer

July 2025 - Present

California, US (Remote)

- Developed a full-stack telecommunications comparison engine, integrating OpenCellID APIs and custom scrapers to index 100+ carrier plans in real-time.
- Built an LLM-powered sales agent using OpenAI's GPT-4 API and TypeScript, resulting in a 22% increase in conversion rates.
- Implemented a robust CI/CD pipeline using Docker and AWS, reducing deployment downtime by 23% for the core web application.

ACHIEVEMENTS

Technical Leadership & Dissemination

October 2023 - Present

- Conducted cybersecurity seminars for 200+ students at ENP-UNAM; post-session assessments showed a 60% improvement in technical topic retention through active recall methodologies.
- Spearheaded web development workshops for UNAM's Associate's Degree program, mentoring 40+ students on industry-standard stacks (MERN/PERN).

Competitive Programming

April 2025

- Secured 1st Place (Gold Medal) at UNAM's Interschool Programming Contest among nine campi, solving complex algorithmic challenges under strict time constraints.

TECHNICAL STRENGTHS

Languages

JavaScript/TypeScript (ES6+), Go, Python, C/C++, LaTeX

AI/ML

OpenAI API, LangChain, Apple MLX, HuggingFace (Transformers), Llama3

Databases

PostgreSQL, MySQL, MongoDB, Redis, Pinecone (Vector DB)

Tools/DevOps

Git, Linux (Debian/Arch), Docker, Bun, Node.js, AWS, GCP, CI/CD