

GORAN MILETIC

+1 628 468 3568 | goran@uni.minerva.edu | [linkedin.com/in/gmiletic2/](https://www.linkedin.com/in/gmiletic2/) | github.com/miletic22

PROFESSIONAL EXPERIENCE

Forward Deployed AI Engineer, [Mason](#)

March 2026 - Present

AI agents for commercial real estate

TypeScript | Next.js | Postgres | AWS S3 | Modal

- Building customer-facing AI agents for real estate developers and lenders, shipping **10+ production workflows**, from data-room risk reviews to Excel acquisition models and one-email deal intake
- Engineering citation infrastructure that traces each agent claim to the **exact line or cell** in PDF, Word, and Excel files, and blocks any agent-filled value that lacks a source
- Establishing Mason's first end-to-end test suite (now 80 specs), **catching 84% more AI workflow regressions**

Data Engineering Intern, [Minerva University](#) (Data Team)

Sep 2023 - Apr 2026

Internal analytics tooling for faculty and students

Python | JavaScript | BigQuery | SQL | Tableau

- Launched student scorecard Chrome extension with ELT backend processing **720K academic metrics**, automating 2+ hours of manual data retrieval and delivering instant academic analytics to 600+ students
- Transformed 3 legacy Python CLI analytics tools to JavaScript Chrome extensions, enabling **50+ non-technical faculty** members to make data-driven decisions without engineering support
- Designed a KPI dashboard that flagged underperformance, leading to timely interventions for **17 at-risk students**
- Analyzed exams and 110 student surveys, guiding CS Intro syllabus changes that lifted ratings **22% YoY**

Software Engineering Intern, [Spark Amplify](#)

Sep 2024 - Dec 2024

NLP engineering for K-12 students

Python | FastAPI | OpenAI API | BERT | Sentence Transformers

- Developed Python FastAPI backend with OpenAI API integration serving **500+ K-12 students** with low English proficiency by building multi-level text simplification for 43 chapters across 6 reading levels
- Raised simplification precision from **53% to 91%** with an NLP validation pipeline (Sentence Transformers, BERT NER) scoring semantic similarity and entity retention at <3s latency per analysis

PROJECTS

Company Brain for AI Agents Research, TypeScript, Postgres, MCP, Supermemory, Reducto

Sep 2026 – Present

Conducting senior thesis research

- Evaluating AI agent architectures for large-scale data retrieval, reasoning, and QA workflow in enterprise systems

Fuego Earth, Python, FastAPI, React, TypeScript, Rasterio, Mapbox GL, Docker

Nov 2025 - Apr 2026

Wildfire intelligence platform for real-time fire spread prediction

- Deployed a wildfire intelligence platform allowing 6-hour fire spread predictions from any US coordinate
- Reduced repeat computation **time 150x (30s → 200ms)** and supported 30 concurrent scenarios by implementing a multi-level caching system

SKILLS

- **Languages:** Python, SQL, TypeScript, JavaScript
- **Frontend & Backend:** React, Next.js, Tailwind, FastAPI, Django, Flask, PostgreSQL, Prisma, Redis, Supabase
- **AI & Data:** Claude Agent SDK, Anthropic & OpenAI APIs, Vercel AI SDK, MCP, RAG, BigQuery, Modal

EDUCATION

Minerva University

Expected Graduation: May 2027

BS in Computer Science (Data Science and Statistics), Major GPA 3.9/4.0

San Francisco, CA

- **Relevant coursework:** Software Engineering, Statistics, Optimization, Modeling, Bayesian Statistics