

Micah Gao

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EDUCATION

Indiana University | Kelley School of Business Bloomington, IN
B.S. in Accounting and Information Systems | Minor in Informatics *Expected May 2028*

EXPERIENCE

M&A Predictive Analytics & Machine Learning Intern May 2026 – Present
University of Indianapolis *Indianapolis, IN*

- Lead 1 of 2 MBA-level M&A research tracks, modeling 15 financial ratios across 50+ past acquisitions in Weka
- Built a tool that pulls SEC 10-K and 10-Q filings to back-test the model's pricing predictions on 10 deals
- Ranked 30 deal variables by feature importance for the program's MBA AI curriculum

Accounting Assistant Jan. 2024 – Present
Oak Leaf Industries *Fishers, IN*

- Run monthly bank reconciliations across 4 accounts and file quarterly Indiana sales tax returns
- Book 500+ transactions per month in Microsoft Office Accounting Pro with no reissued statements

PROJECTS

Onkos | *Agentic Oncology Trial Matcher; Next.js, FastAPI, LangGraph, vLLM* Apr. 2026

- Built a clinical trial matching system pairing cancer patients to active oncology trials, surfacing match rationale and per-criterion disqualifying logic for clinician review
- Self-hosted MediX-R1, a 30B medical vision-language model, on an NVIDIA GH200 via vLLM, and orchestrated Kimi-K2 through LangGraph for agentic tool calls and RAG-grounded clinical reasoning
- Built the eligibility engine on the ClinicalTrials.gov v2 API, scoring each patient against 20+ trial criteria

Skipilot | *AI Ski Recommendation App; Next.js, Supabase, Vision LLM* Apr. 2026 – Present

- Shipped skipilot.org, a Next.js 15 / Supabase / Vercel app that ranks skis across 12 fit dimensions, aggregates live pricing from 7 retailers, and runs SSR auth with a Postgres-backed rate limiter
- Built a vision pipeline that reads ski model and length off topsheet photos, boot sole length off boot shots, and stance and turn shape off short clips, all returned as structured fit features

Redhue | *Wildfire Intelligence Dashboard; Next.js, Leaflet, Rothermel* Feb. 2026

- Built a mobile-first dashboard for wildfire Incident Commanders fusing 8 live sources including NASA FIRMS, Open-Meteo, OSM, ArcGIS, CAL FIRE, and NIFC into one Leaflet map with no manual input
- Ported Anderson's Rothermel elliptical fire-spread model to TypeScript, projecting 30/60/120-minute burn polygons with LLM-driven fire danger scoring, LCES safety analysis, and tactical radio alerts
- Ran per-source polling loops with re-analysis on material change (>20° wind shifts or new fires within 10km), plus a phone-magnetometer wind compass with shortest-path delta rotation

LEADERSHIP & INVOLVEMENT

Program Scholar | Possibilities Series Apr. 2026 – Present
Goldman Sachs *Remote*

- Selected for Goldman Sachs's year-long freshman development program (top 10% of national applicants)
- Earned Early Possibilities placement, the fast-tracked path to 2027 Summer Analyst HireVue and Superday

Grand Prize Winner | Regeneron Apr. 2026
HackPrinceton Spring '26 | Princeton University *Princeton, NJ*

- Won \$1,000 Grand Prize on Regeneron's Best Use of AI for Clinical Trials track over 600+ hackers
- Led engineering on Onkos, an agentic AI cockpit matching cancer patients to clinical trials

Technology Track Fellow | Expedition EY Feb. 2026 – Present
Ernst & Young *Remote*

- Selected for EY's invite-only Technology Track, a year-long program for 500+ U.S. undergraduates
- Complete case studies on AI, automation, and digital transformation with EY Technology mentors

Hacker | Stanford TreeHacks Feb. 2026
Stanford University *Palo Alto, CA*

- Selected as 1 of 500 from a 15,000+ worldwide applicant pool at the largest collegiate hackathon
- Built Redhue, a real-time wildfire dashboard demoed to a CAL FIRE chief, with recognition from Anthropic

TECHNICAL SKILLS

Business: Excel (financial modeling, pivot tables), PowerPoint, SQL, M&A research, SEC 10-K/10-Q analysis
Languages: Python, TypeScript, JavaScript, Swift
Frameworks: React, React Native, Next.js, FastAPI, LangGraph, vLLM
Infrastructure: AWS, Vercel, Supabase, Postgres, Docker, Git
ML/AI: RAG pipelines, vision-language models, agentic systems