ALEXANDER HAMIDI

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University of California, San Diego   2027
Bachelor of Science, Computer Science – GPA: 4.00
- Coursework: Deep Learning, Computer Architecture, Machine Learning, Digital Design, Software Engineering
- Extracurriculars: Triton AI, SDx (Startup Accelerator) Competitive Programming Club (ICPC, 2nd Regionally)

Software Engineer Intern   June 2026 – September 2026
Palantir Technologies   *Palo Alto, CA*

Software Engineer Intern   June 2025 – September 2025
Clado (YC X25)
- Optimized a people search engine indexing 1B+ profiles through a custom query language, Supervised Finetuning, and Reinforcement Learning, cutting generation time from 60s to 2s and achieving SoTA performance on benchmarks
- Forward deployed into F50 clients and top VC funds to develop custom feature sets and integrate product capabilities into existing systems, leading to high-value commercial contracts

Software Development Engineer Intern   May 2025 – June 2025
Amazon Web Services
- Developing scalable automation infrastructure to standardize regional onboarding of AWS services to reduce manual configuration steps by 40% and cut average deployment time by 35% across 20+ regions
- Engineered fault-tolerant deployment workflows using Step Functions and Lambda, with comprehensive monitoring and alerting, increasing success rate of cross-region rollouts from 82% to 97% in internal staging environments

Co-Founder   March 2025 – May 2025
Declass AI
- Scaled document redaction company to 5-figure IP aquisition, managing B2G relationships and product vision
- Architected full-stack AI-powered redaction system using Next.js, TypeScript, FastAPI, Supabase, and Anthropic API, built automated OCR pipelines with real-time collaboration, access control, and production-ready LLM workflows

Undergraduate Researcher   February 2025 – April 2025
Shang Data Lab (UCSD)   *La Jolla, CA*
- Developed a Python framework to generate multi-agent systems by searching over the program space (DAG): LLM proposes agent programs, automated evaluators score them, iterative search refines promising designs
- Achieved 7% accuracy and 300% cost improvements over single-LLM systems on diverse agentic benchmarks

Software Engineering Intern   July 2024 – November 2024
University of California, San Diego   *La Jolla, CA*
- Improved student engagement by 12% through algorithmic contributions to TritonGPT, a RAG-powered AI agent providing academic assistance, built with vector databases and NLP processing for 500+ DAU
- Built key optimizations and mobile features with Flutter, reducing app latency by 30% and integrating 20+ services

Antiwall | ahamidi.me/?o=antiwall | *Python, Modal, Transformers, Qwen, wandb*
- Built deductive reasoning & retrieval agent, using LoRA in Modal to fine-tune Qwen 32B on annotated Chatbot Arena examples, Claude Code in a VM to optimize system prompts, and a custom search harness.
- Antiwall achieves 40% output length reduction and significantly improved response clarity

Umari | ahamidi.me/?o=umari | *PyTorch, ViT, GRPO, GPT-5*
- Implemented hierarchical Vision-Language-Action model with GPT-5 planner and custom ViT executor, using GRPO with binary rewards to achieve 85% accuracy on UI grounding with 50ms inference on A100
- Built cheap patch-based vision pipeline with 32x32 pixel precision, saliency scoring, and aggressive caching
  https://ahamidi.me/?o=umari