

Ariav Asulin

415-716-2154 | ariav@berkeley.edu | github.com/ariavasulin | ariavasulin.com | East Bay, CA

EDUCATION

University of California, Berkeley <i>B.A. Data Science; Minor in EECS Domain Emphasis in Applied Mathematics 3.9 GPA</i>	Berkeley, CA <i>Expected Dec 2026</i>
---	--

EXPERIENCE

Technical Product Intern <i>Rescope</i>	Aug 2025 – Dec 2025 <i>Berkeley, CA</i>
• Led product discovery and GTM for ML-powered permit compliance platform; sourced and closed first design partner (equity stake), reached 100+ permit expediter, conducted dozens of customer discovery calls, and prototyped core SaaS platform and sales funnels.	
AI Engineering Intern <i>Experiture</i>	May 2025 – Aug 2025 <i>Brooklyn, NY</i>
• Built a multimodal marketing-content agent (LangGraph + PGVector + FastAPI) that generates on-brand, production-ready email campaigns from wireframe sketches, abstract objectives, or detailed PRDs	
• Designed a RAG engine to select and fill templates from thousands of HTML assets, matching by intent, content relevance, and structural similarity; achieved near-perfect first-pass MJML compilation via auto diff-edit loop	
Software Developer <i>Design Workshops</i>	Nov 2023 – Apr 2025 <i>Oakland, CA</i>
• Built an asset-maintenance platform for 100+ industrial millwork machines using MS SQL Server + Access	
• Planned and executed SQL Server 2012 to 2022 migration to Azure with near-zero downtime	
• Automated timesheets and SOP management with AI workflows; built a natural-language SQL agent for ad-hoc data queries	
Finish Carpenter <i>United Brotherhood of Carpenters</i>	Aug 2020 – Jun 2023 <i>San Francisco, CA</i>
• Completed apprenticeship in commercial millwork; laid majority of the baseboard at OpenAI's headquarters	

PROJECTS

YouLab <i>Python, Dolt, Agno, Honcho</i>	Nov 2025 – Present
• Architected multi-tenant memory system for AI tutoring: isolated, version-controlled context per student with updates proposed as git-like diffs requiring approval	
• Designed orchestration layer coordinating background agents that analyze session history, infer learning gaps and preferences, and propose context updates asynchronously	
Enterprise Reimbursements App <i>Next.JS, Postgres, BAML</i>	Jun 2025 – Present
• Designed and shipped a receipt-reimbursement app with intelligent policy enforcement and computer vision in production for 100+ employees; saves 8–10 hrs/week in HR and accounting while reducing entry errors over 95%	
• Implemented a PostgreSQL backend with RBAC, audit logs, encrypted storage, and QuickBooks integration, driving fast throughput with low resubmission rates and virtually zero overhead (<\$5/month)	
Job Shop ERP <i>PyJobShop, React, Postgres</i>	Jul 2024 – Present
• Consolidated 5,000+ millwork projects (20+ years) into analysis-ready models with standardized KPIs and predictive views for backlog, throughput, and lead times, accelerating decision-making	

TECHNICAL SKILLS

Languages: Python, SQL, C++, TypeScript, VBA, Bash/Zsh

Web Dev: React, Tailwind, Next.JS, Vite, FastAPI

ML: Pandas, scikit-learn, PyTorch, Hugging Face

Databases & Cloud: PostgreSQL, MS Flavored SQL, MongoDB, Azure, AWS, Access

AI: Langchain, Letta, Agno, Claude Agents SDK