

Ariav Asulin

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EDUCATION

University of California, Berkeley

B.A. Data Science; Minor in EECS | Domain Emphasis in Applied Mathematics | 3.9 GPA

Berkeley, CA

Expected Dec 2026

EXPERIENCE

Technical Product Intern

Aug 2025 – Dec 2025

Rescope

Berkeley, CA

- Led product discovery and GTM for ML-powered permit compliance platform; sourced and closed first design partner (equity stake), reached 100+ permit expeditors, conducted dozens of customer discovery calls, and prototyped core SaaS platform and sales funnels.

AI Engineering Intern

May 2025 – Aug 2025

Experiture

Brooklyn, NY

- 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

Nov 2023 – Apr 2025

Design Workshops

Oakland, CA

- 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

Aug 2020 – Jun 2023

United Brotherhood of Carpenters

San Francisco, CA

- Completed apprenticeship in commercial millwork; laid majority of the baseboard at OpenAI's headquarters

PROJECTS

YouLab | Python, Dolt, Agno, Honcho

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 | Next.js, Postgres, BAML

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 | PyJobShop, React, Postgres

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