

ANDRZEJ FIREK

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EDUCATION

Minerva University

B.S. Computational Sciences (Data Science) & Natural Sciences (Matter and Energy)

San Francisco, CA

Expected May 2029

Eastern Mediterranean International School

IB Diploma Programme, GPA: 4.0 | Honor Roll

Ramat Hasharon, Israel

Aug 2023 – May 2025

Relevant Activities

- Built projects in 10+ hackathons in the Bay Area hosted by Google DeepMind, Vercel, and Y Combinator; focused on AI agents, memory systems, and MCP applications
 - Part of Anthropic × CodePath's Applied AI Engineering program, covering AI agent development, prompt engineering, and LLM integration with hands-on projects built every week
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PROJECTS

Scout – AI Apartment Voice Agent Platform

Next.js, React 19, TypeScript, Tailwind CSS

- Collaborated with 4 teammates to build an AI agent that autonomously screens apartments via voice calls and schedules viewings end-to-end, designing the full frontend and chat-to-profile intake pipeline
- Built a stateful chat system that extracted preferences and triggered the autonomous orchestration layer
- Designed for my Minerva seniors who are already busy juggling theses and job offers across cities

Ghost PM – Autonomous AI PM Agent

OpenClaw, Python, Notion API, Tailscale

- Developed an autonomous PM agent for my Google Developers Group that detects actionable items across messaging platforms and logs them to Notion 24/7, saving ~1 hour of task allocation per event
- Self-hosted on a VPS with a message-to-task pipeline, eliminating manual admin overhead for remote teams
- Adopted OpenClaw at launch, secured it using Tailscale, and shipped a production-ready tool within 29 days

Canopy – Civic Tech Desktop App

Electron, React, TypeScript, SQLite, ActivityWatch, OpenAI API

- Local-first, fully released desktop app comparing planned vs. actual work via ActivityWatch and AI; built on scientific research, user interviews, and expert partnership with Ezza Naveed from #HalfTheStory
- Engineered a minute-level activity pipeline with AFK normalization, storing all sensitive data locally

Cortex AI – AI Second Brain, MCP App

TypeScript, Supabase, Claude API

- Built with a teammate at a YC hackathon in 6 hours; an MCP app native to Claude and ChatGPT that auto-generates a knowledge graph from user inputs, surfacing connections across similar ideas
- Backed by Supabase for persistent storage across Claude, ChatGPT, and future LLM integrations

MULM – Chrome Extension, Workflow Automation

React 19, TypeScript, Tailwind CSS, Chrome APIs

- Shipped a Chrome Extension streamlining course retrieval used by 50+ users, capturing half of my cohort
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ACCOMPLISHMENTS

- Won 1st Place for Best Use of Kiro in the Deep Agents Hackathon, SF (156 participants) for Scout
 - Won 3rd at Physical AI Hack World Tour SF (Founders, Inc.) for training XLeRobot to autonomously flip bread
 - Earned the RTX Innovation Award (73 teams) for an innovative underhooking mechanism for FTC robotics
 - Selected among top 25 youth leaders in Poland by Our Future Foundation for a national mentorship program
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SKILLS

- **AI:** OpenClaw, MCP, Claude Code, Codex, Agent Design, AI APIs, Prompt Engineering
- **Frontend:** React, Next.js, TypeScript, JavaScript, Tailwind CSS, Vite, Chrome Extension
- **Backend:** Python, Bun, Supabase, Git, Linux, VPS, Vercel, Cloudflare Workers, Tailscale, SQLite
- **Languages:** Polish & English (native), Chinese & Spanish (conversational), German (elementary)