Chaira Harder

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EDUCATION

Smith College | **Bachelor's: Computer Science** | Northampton, MA, U.S.   **Graduated May 2025**

Relevant Coursework: Intelligent UI, OS, DSA, ML/DL, Design Thinking, Network Security, Microprocessors, Circuit Design

Awards: Brodsky Prize for Engineering Entrepreneurship (*2023*). OpenAI Startup Hackathon Finalist (*2025*). NYC AI FinTech Hackathon NYC Top 6 Finalist (*2025*); Draper Competition for Collegiate Women Entrepreneurs Semi-Finalist (*2023*). [People's Choice](#) – Joy Entrepreneurship Challenge (*2024*).

EXPERIENCE

Software Developer, United Nations International School Network   **June 2025 - Present**
- Built 65% of [FunkeAI](#), a UN-backed learning platform with PwC & Google engineers, improving WASSCE pass rates by 98%
- Integrated Firebase, GCP Storage, and Node.js APIs to enable AI-assisted lesson planning for teachers on FunkeAI
- Built AI tools to streamline onboarding for UN School Network staff and new hires

Systems Engineering Analyst Intern, Kiwa NV - T2 Utility Engineers   **June 2024 - August 2024**
- Created and tested 42 programmable invoice mask templates using SQL, .NET, C#, streamlining billing workflows and reducing manual entry errors by ~40%
- Acted as a liaison between finance and IT departments, boosting cross-functional efficiency and reducing turnaround time for invoice-related issues. Worked under Kam Mohammed, Director of Technology at Kiwa (kam.mohammed@t2ue.com)

Researcher & Scholar, AI4ALL   **June 2020- June 2022**
- Built and deployed NLP and vision models in TensorFlow; co-developed civic tech tools for data privacy legislation

Co-Founder, EncodeAI Canada   **August 2020 - August 2021**
- Launched the [Canadian chapter](#) of [EncodeAI](#), where we focused on education and policy around algorithmic bias in Canada.
- Contributed to rapid org-wide growth from 20 to 1300+ members across 30+ countries.

PROJECTS

ValueSpotter   **(Anthropic, UBS, CodeRabbit AI Fintech hackathon finalist project)**
- Computer vision tool using a YOLO model to identify assets in video and estimate valuations for M&A firms.

Asaply   **(OpenAI hackathon finalist project)**
- MCP server automating the online ordering process through natural-language or voice input using GPT-5.

[Wieder](#)
- Flashcard learning app used by Smith College German students and faculty; Sept–Oct 2025 achieved 330% user growth and 2.3K monthly interactions, reflecting increasing engagement in language learning.

Cachebite
- iOS on-campus task request and delivery app. Built in Swift, team of 3.

[Pyx Boxing](#)
- Sports-tech startup pitched at 3 national competitions, $3K+ funding raised; developed with Astro +TypeScript

SKILLS

Java (Spring Boot), Python, Swift, TypeScript, JavaScript (React, Next.js, Node.js), SQL, GCP
RabbitMQ, Kubernetes, Docker, PyTorch, REST & GraphQL, CI/CD, Git, Jira, Figma, Core Data, MapKit.

Canadian Citizen, U.S. Student | No sponsorship required (OPT)