

Chaira Harder

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EDUCATION

Smith College | Northampton, MA, U.S.

August 2021 - May 2025

Bachelor's: **Computer Science**

Awards: [People's Choice](#) - Joy Entrepreneurship Challenge 2024, [Draper Competition](#) for Collegiate Women Entrepreneurs Semi-Finalist 2023, [Brodsky Prize](#) for Engineering Entrepreneurship 2023, [XdHacks](#) Vancouver 2020 - 3rd Place

Relevant Coursework: Intelligent UI., OS, DSA, ML/DL, Circuits, Network Security, Microprocessors & Assembly

EXPERIENCE

Systems Analyst Intern, Kiwa - T2 Utility Engineers

June 2024 - August 2024

- Created and tested 42 programmable invoice mask templates using SQL, Visual Basic and C#, streamlining billing workflows and reducing manual entry errors
- Created 30 pages of clear technical documentation, improving onboarding speed and reducing support requests
- 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 IT at Kiwa (kam.mohammed@t2ue.com).

Technical Marketing Intern, Silk Road Professionals

June 2024 - August 2024

- Led the design of 4 marketing campaigns that reached hundreds of targeted clients across Central Asia and North America
- Contributed to the development of 2 web pages using JS, HTML, CSS; optimized images, reduced load time by ~30%
- Implemented marketing automation tools and improved SEO, increasing site traffic; collaborated on go-to-market strategy

Technology Lab Assistant, Campus School of Smith College

November 2023 - June 2024

- Organized and led hands-on coding and robotics sessions for 150+ K-6 students using tools like Scratch, SPIKE Prime, Spheros, and Swift Playgrounds

PROJECTS

Co-Founder & Developer, Pyx Boxing Company

January 2023 - Present

- Started and pitched sports-tech startup at 3 national entrepreneurship competitions, securing \$3,000+ in early-stage funding.
- Developed and deployed [website](#) using Astro, Typescript, Javascript, CSS, and an iOS app using Swift, SwiftUI.

AI4ALL Scholar at Invent the Future | Simon Fraser University, Burnaby, Canada

June 2020 - May 2022

- Built [neural networks](#) for NLP, robotics, and computer vision using TensorFlow and scikit-learn.
- Co-developed [4DataPrivacy.com](#), a civic tech site enabling users to contact legislators about digital rights.

Co-Founder, Encode Justice Canada

August 2020 - August 2021

- Launched and co-led the [Canadian chapter](#) of [Encode Justice](#). Contributed to rapid org-wide growth from 17 to 200+ members across 14 countries. Developed the early-stage organizational website.

SKILLS

iOS: Swift, SwiftUI, Objective-C, Unit/UI Testing, Concurrency, Core Data, MapKit

Web & Full Stack: Javascript, Python, Django, SQL, AWS, Figma, Git

Languages & Other: Java, C++, MATLAB, R, Stata, Wireshark, BMC (Bloomberg Terminal)

Spoken: English (fluent), German (conversational), Thai (conversational)

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