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**
• Designed 4 marketing campaigns targeting Central Asia & North America; improved SEO and boosted site traffic
• Built 2 webpages (JS, HTML, CSS); optimized images and cut load time by ~30%

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

iOS Developer | Personal App Projects **January 2019 - Present**
• Developed a house listing app using SwiftUI with card views, search, and user authentication
• Built a GitHub profile viewer with REST API calls and async data rendering in SwiftUI
• Designing a social travel app (up4) that maps user trips and connects travelers through live trip and event posts

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, and CSS.

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, REST API Integration
Web & Full Stack: Javascript, Python, Django, SQL, AWS, Figma, Git | **Other**: Java, C++, MATLAB, R
Spoken: English (fluent), German (conversational), Thai (conversational)

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