

Chaira Harder

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Computer Science graduate with a strong foundation in math, finance, and software development. Skilled in solving complex technical problems and collaborating across teams. Passionate about building innovative, scalable solutions.

EDUCATION

Smith College | Northampton, MA, U.S.

Bachelor's: **Computer Science** | May 2025

Transcript and diploma available upon request.

ACCOMPLISHMENTS/AWARDS

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

LANGUAGES & SKILLS:

Java, C/C++, Python, Django, Swift, Ruby (Rails), SQL, R, Stata, x86 ASM, MCU programming, git, bash, Wireshark, MATLAB, React, Javascript, more.

English (native/fluent), Mandarin (4 years educational), German (college), Thai (home)

EXPERIENCE:

Kiwa - T2 Utility Engineers | Internship | June 2024 - August 2024

- Developed and enhanced invoice masks to bill T2 Utility Engineers clients (**SQL, SAP Crystal Reports, Microsoft Visual Basic**)
- Facilitated meetings with the finance and IT teams to deliver timely updates on technical progress.

Smith College | Northampton, MA | August 2021 - May 2025

- Worked as a [Money Mentor](#) (student financial consultant) at the Conway Entrepreneurship Center
- Heavy course load in advanced mathematics, finance, economics, engineering, and sports science.

AI4ALL Scholar at Invent the Future | Simon Fraser University, Burnaby, Canada & Remote | Summer 2020, 2021

- Developed [neural networks](#) in the fields of natural language processing, robotics, computer vision, and computational biology with a peer group of four (**Python: numpy, Tensor Flow, scikit-learn, Pandas, more**).
- Created [4DataPrivacy.com](#) (**JavaScript, HTML, CSS**) with a team, connecting people with their local senators to communicate concerns about the lack of legislation for data rights and privacy.

VEX Robotics Team Lead Programmer | Saigon, Vietnam | 2019-2021

- Team placed 1st place at [Vietnam National VEX](#) Robotics Team Championship in January of 2020. (**C++**)

Encode Justice | Kelowna, BC, Canada & Remote | August 2020 - August 2021

- Led the [Canada chapter](#) of [Encode Justice](#). Started at parent org, which grew from 17 members to over 200 members in 14 countries org-wide. Developed website in early organizational stages (**Javascript**).

RELATED COURSEWORK:

*Data Structures & Algorithms, Circuits, Deep Learning
Maths, Modeling for M.L., Microprocessors &
Assembly, Network Security, O.S., Machine Learning,
Intelligent U.I., Applied Financial Economics,
Computational Linear Algebra, Stats & Econometrics*

REFERENCES:

Kam Mohammed, *Head of IT at T2UE*
kam.mohammed@t2ue.com

René Heavlow, *Director of Operations at Conway Center*
rheavlow@smith.edu

Canadian Citizen, U.S. Student | Available June 9, 2025 in NYC/remote. No sponsorship required (OPT)