

# Chaira Harder

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Driven computer science student with an entrepreneurial spirit, dedicated to transforming ideas into tech-driven solutions. Strong foundation in math, coding, and problem-solving.

## EDUCATION

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

## ACCOMPLISHMENTS/AWARDS

- Draper Competition for Collegiate Women Entrepreneurs, Semi-Finalist 2023
- Brodsky Prize for Engineering Entrepreneurship, Recipient
- Xd Hacks Vancouver 2020 - 3rd Place

## LANGUAGES & SKILLS:

### Software:

*Java, C/C++, Python, Javascript, Swift, Ruby, SQL, R, Stata, x86 ASM, MCU programming, more*  
*Other: git, bash, Wireshark, MATLAB, Web & iOS dev*

### Spoken:

*English (native/fluent), Mandarin (4 years educational), German (home, college), Thai (3 years educational, home)*

## EXPERIENCE:

*T2 Utility Engineers* | Internship | Oceanside, New York | June 2024 - August 2024

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

*Smith College* | Northampton, MA | August 2021 - Present

- Money Mentor (student personal finance help) at the Conway business center, Tech Lab Assistant and Campus Safety Access Van Driver.

*AI4ALL Scholar* | Simon Fraser University, Burnaby, Canada | Summer 2020 - 2023

- 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**).
- Data advocacy with AI4ALL alumni: built a website (**JavaScript, HTML, CSS**) connecting people with their local senators to communicate concerns about the lack of legislation for data rights and privacy.

*VEX Robotics Team Lead Programmer* | Hanoi, Vietnam | 2019-2021

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

*Encode Justice* | Kelowna, BC, Canada | August 2020 - August 2021

- Led the Canada chapter of Encode Justice; organization grew from 17 members to over 200 members in 14 countries org-wide.

## RELATED COURSEWORK:

*Data Structures & Algorithms, Microprocessors & Assembly, Theory, Network Security, OS, Machine Learning, Intelligent UI, more on LinkedIn & website*

## EXTRACURRICULAR INVOLVEMENT:

Smith Robotics Club, Smith Basketball Club

## PERSONAL PROJECTS:

*NextNode: personal software business* (2023)  
*Bikesia: bike share system website & app* (2023)  
*Slick Flights: cheapest flight router* (2022)  
*Winegorithm: digital AI sommelier* (2020-21)  
*Hanoi Homie: helping homeless in Vietnam* (2017)

**Canadian Citizen, U.S. Student | Available June 16, 2025 in NYC or remote**