

Lucy Hao

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Citizenship: USA, Canada

Research interests	programming languages; chemical biology; computer science education; computational life sciences		
Education	University of British Columbia	Vancouver, British Columbia	
	B.Sc. Combined Major in Computer Science and Chemistry	Sep 2019 – May 2024	
	Advisors: Prof. Raymond Ng. GPA: 83%		
Honours and scholarships	Biotalent Canada Student Work Placement Program Grant (\$5,000)	2021	
	Alexander Rutherford High School Achievement Scholarship (\$2,500)	2019	
Publications	Automated medical chart review for breast cancer outcomes research: a novel natural language processing extraction system. Chen, Y., Hao, L., Zou, V.Z., Hollander, Z., Ng, R.T., Isaac, K.V. <i>BMC Med Res Methodol</i> 22, 136 (2022).		
Research experience	PROOF Centre, UBC		
	Advisors: Prof. Raymond Ng, Prof. Dr. Kathryn V. Isaac	Jan – May 2021	
	Undergraduate Research Intern		
Teaching experience	Systematic Program Design (CPSC 110)	Winter 2021	
	<i>Average student rating: 90%.</i>		
	Software Construction (CPSC 210)	Summer 2021	
	<i>Average student rating: 100%.</i>		
	Software Construction (CPSC 210)	Winter 2020	
	<i>Average student rating: 80%.</i>		
Industry experience	Capital One, EP2	New York City, New York	
	Software Engineering Intern	Summer 2022	
	Microsoft, Garage	Vancouver, British Columbia	
	Software Engineering Intern	Summer 2021	
Talks and tutorials	Intersections of Technology Panel	Jan 2022	
	StarHacks II		
	Intro to Technical Interviews	Nov 2021	

HackCamp

Pursuing a Successful Career in CS + Technology

Jul 2021

Hacking 4 Community

Intro to NLP

June 2021

Hydrangea Hacks

Intro to Git and GitHub

June 2021

Citro Hacks

Computers and Technology Panel

May 2021

Joy to Job

Intro to Git and GitHub and Intro to Python

Jan 2021

StarHacks I

Skills

Programming

Python, Racket, R, Rust, Java

Languages

English (fluent), Chinese (basic)

Service and outreach

Director of Marketing and Technology, StarHacks Sep 2020 – Jan 2022

StarHacks is an international non-profit striving to create gender-inclusive spaces in computer science, breaking the stereotype of what it means to be a coder one hackathon at a time.

Director of Marketing, nwPlus

Sep 2021 – Mar 2022

nwPlus is a student-led club supporting aspiring programmers and designers, based out of University of British Columbia.

Mentor, connect-f (nwPlus)

Jul 2020 – Apr 2021

A mentorship program for girls* in tech designed to pair high school students with university students and new grad mentors.