

# Lucy Hao

Updated August 16, 2022

**Email:** lhao03@student.ubc.ca

**Phone:** + 1 403 401 3096

**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.  
*BMC Med Res Methodol* 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  
*Average student rating: 90%.*

**Software Construction (CPSC 210)**      Summer 2021  
*Average student rating: 100%.*

**Software Construction (CPSC 210)**      Winter 2020  
*Average student rating: 80%.*

**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.