# CHANTAE HO

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## SUMMARY

2nd Year Software Engineering Student at the University of Calgary, Expected graduation: April 2025.

Interested in all things computer-related, including software and hardware. I love to explore different paths and challenge myself. Seeking employment from May 2023-August 2023.

## VOLUNTEERING

Schulich Mentorship Program (2021-2022)

- Provided ongoing support to a 1st-year student
- Helped mentee navigate first year and access resources

Calgary Public Library Volunteer (2018-Present)

- Taught children aged 7-12 coding basics and problem-solving skills
- Worked one-on-one with children to help them create their own games

Other courses:

- Programming Fundamentals (C/C++), Practical Data Structures and Algorithms, Full Stack Web Development (HTML/CSS/JS, React), Object-Oriented Principles for Software Development (Java)

## EXPERIENCE

**Schulich Ignite Junior Website Commissioner** | 2023-Present

- Assisted in maintenance of the Schulich Ignite Website
- Mentored high school students and provided clear explanations of key programming concepts in Python

**Math & Physics Tutor** | 2021-Present

- Prepared effective and creative lesson plans
- Developed communication skills to explain concepts and answer questions in an easy-to-understand way

## PROJECTS

**Participant, Hack the Change** | 2022

- Participated in a 24-hour collaborative programming contest
- Developed a website front-end using HTML/CSS/Javascript addressing the issue of providing quality education to populations in need
- Pitched the product to a panel of judges

**Technical Team Lead, Technovation Challenge** | 2018-2019

- Prototyped a mobile app intended to assist immigrants in finding jobs based on their skills, using Java and Android Studio
- Managed the technical team to ensure tasks were carried out efficiently and punctually
- Placed 3rd place in the Calgary senior division

## RELEVANT COURSES

**ENSF 300 (Software Engineering Practices for Data Management) Projects**

- Utilized Git as a version control system and to collaborate with team members on code
- Designed database schemas and implemented them in MySQL
- Implemented Agile and iterative design techniques

**ENDG 319 (Probability, Stats and Machine Learning) Projects**

- Collaborated with group members to develop a model for knn classification on a dataset about banknote authenticity
- Used scikit-learn in Python to preprocess data, and create and test machine learning models
- Facilitated discussions and resolved conflict that occurred