

Chathila Ratnatilake

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**Engineering
Co-op Program**

ACADEMIC AND CO-OP STATUS

BSc. In Computer Engineering – Software Co-op Option, University of Alberta

Cumulative GPA:	3.4
Graduations year:	May 2026
Academic Terms Completed:	3/8
Work Terms Completed:	0/5
Term Length / Availability:	4 months / May 2023

TECHNICAL SKILLS

Languages: Python, C++, HTML, JavaScript, MATLAB, Assembly

Developer Tools: VS Code, GitHub, APIs

Frameworks: Tkinter, CTkinter, react.js, node.js

Coursework: Object-Oriented Programming, Algorithm Structures, Microcomputer Architecture

PROJECTS

HACKED 2023 (Hackathon Project), Edmonton AB

- Creating a Python app that monitors a particular stock's performance with indicators such as income statements, balance sheets etc.
- Created a modern and interactive UI using Tkinter and CTkinter.
- Leveraged an FMP API to retrieve financial information about the stock, and used algorithms to manipulate the data from the .json file to be presented in the UI.

Personal Website

- Created a personal website implementing my knowledge on JavaScript, CSS, and HTML along with frameworks like react.js
- Implemented multiple pages while maintaining an interactive interface with a modern aesthetic

University of Alberta

Autonomous Robotic Vehicle Project (ARVP), Edmonton AB

- Contributing to code enabling autonomous movements of "Arctos" submarine robot
- Collaborating with students across multiple engineering disciplines to ensure full functionality of "Arctos" submarine robot

EXPERIENCE

Shift Supervisor

Five Guys, Edmonton AB

May 2022 – present

- Oversee all operations by distributing tasks in the kitchen and the lobby to the team
- Managed the weekly delivery and align all inventory by expiry dates

Grocery Clerk

FreshCo, Edmonton AB

Jan 2022 – Aug 2022

- Oversaw delivery operations of the Inventory and organized inventory
- Restocked and Rotated the Inventory shelves on the sales floor

Sales and Marketing Intern

Sathosa Motors, Colombo, Sri Lanka

Jan 2021 – Jul 2021

- Conducted feasibility study in Semi Knocked Down vehicle assembly facility for ISUZU trucks
- Designed product catalogues for Isuzu Trucks with detailed technical literature
- Engaged in departmental activities to boost vehicle sales