

## EDUCATION

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### University of British Columbia

Bachelor of Applied Science in Computer Engineering

Vancouver, BC

Sep 2020 - May 2025

**Relevant coursework:** Data structures and algorithms, object-oriented programming, operating systems

## EXPERIENCE

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### Gurst Experience Guide

May 2022 - Nov 2022

*FlyOver Canada*

Vancouver, BC

- Edited people's crotches and armpits using [insert name of generic photo editor here] to remove blurs and green blobs, increasing photo sales by 23.6%.
- Scanned up to 500 tickets per day and troubleshooted countless issues with retarded third party resellers giving invalid or unclear vouchers.
- Cleaned the retail store regularly and restocked a variety of memorabilia to increase foot traffic in the retail store.

### Frontend Software Developer

Jun 2022 - Sep 2022

*The Big Leaf - MyPanion mobile app and Handlers.ca*

Remote

- Attempted to program a full stack application using React Native for a nonexistent healthcare startup, but could only get the login page done due to piss poor management from unqualified project managers.
- Refactored handlers.ca to use React, so we can improve responsiveness and visibility of the site to potential customers, all while the owner, Sarah, took a fat ass vacation for the entire duration of my employment.

### Youth Volunteer

Jun 2018 - Feb 2020

*Calgary Public Library*

Calgary, AB

- Taught youth aged 6-12 basic programming skills using scratch, and boy were they better than some first year CS students I've met
- Taught them how to read as well. They were unfortunately a bit less skilled at that than they were at coding, but I accepted the challenge and as a result, improved their reading ability by 25%.

## PROJECTS

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### Note Transcriber | UBC CPEN 291

Feb 2022 - Apr 2022

*Python, Flask, CircuitPython, HTML, CSS, React*

- Built a device that can take handwritten notes and display them as printed text on screen.
- Programmed an ItsyBitsy M4 microcontroller and four servo motors so that they can move a bunch of chopsticks around to try to grab pages and turn them.
- Incorporated pytesseract machine learning library to translate photos of my messy handwriting to text displayed on screen with piss poor accuracy (it transcribed 'Hello World' to 'Hello Weld').
- Made features to allow users to control the device, such as when to take a photo and when to turn the page, using a React app with 2 buttons.

### Unimeetups | CalgaryHacks 2022

Feb 2022

*Python, Flask, HTML, CSS, MongoDB*

- Programmed a web app for university students to make new friends based on interests and activities.
- Coded scripts using Python to generate suitable matches for users given profile information from a list of 50 university locations and 35 interests, allowing users to connect with matches via friend requests.
- Programmed all aspects of the site, from user authentication to matching algorithm to Frontend UI features, without writing a single line of JavaScript (Fuck JS for real).

### Rickyboi Discord Bot | Personal

Oct 2021 - Jan 2022

*Python, discord.py, Beautiful Soup*

- What the fuck is this? I dont remember making this shit lmao O...o

## SKILLS

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**Languages:** Python | Java | JavaScript | TypeScript | C | C++ | HTML | CSS

**Frameworks:** Svelte | Flask | React | React Native | MongoDB | GraphQL | Node.js | AWS Lambda