

EMILY CHU

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EDUCATION

THE UNIVERSITY OF BRITISH COLUMBIA

Combined Major in Business and Computer Science, 999% average

Vancouver, BC

Sep 2019 – Present (→ Apr 2024)

WORK EXPERIENCE

ARBY'S

Software developer intern

Canada • Remote

May 2021 – Present (→ Dec 2021)

- Joked with the past intern over Slack about the questionable **JavaScript** and **TypeScript** code they wrote
- While upgrading the app through multiple major versions of **Angular**, managed to bring CPU usage to 100% for extended periods of time (caused by the antivirus scanner going insane). Luckily, due to remote work, I did not have to deal with the machine's noise or heat.
- Enjoyed 3+ poké salads from the **Elasticsearch** webinars that offered UberEats vouchers
- Woke at 4:30–5:30 each morning in time for 6AM standups in my time zone; went out to enjoy the early sunrise while it lasted.

UBC DEPARTMENT OF COMPUTER SCIENCE

Leetcode teaching assistant

Vancouver, BC • Remote

Jan 2021 – Jun 2021

- Taught dozens of students why not to pass a massive 2D array as an argument "by value" in **C++**
- Navigated past thousands of (identical) stack frames in **GDB** caused by incorrect base case detection
- Remained nameless on the course Discord until the end of the term, when I linked students to my LaTeX resume template

TECHNICAL PROJECTS

WORKLIST MACHINE

Course scheduler designed to "save me time" lol

App 📄 • Code 📄

Aug 2020 – Present

- Started this project knowing nothing; picked **Node.js**, **React**, and **MongoDB** mostly because that's what some freecodecamp tutorial used
- Discovered the cons of introducing dependencies such as **Bootstrap**—on my own time, reinventing the wheel is just a learning exercise
- Due to the exponential-time algorithm, currently working on notifying the user if the input is too large. Solving the halting problem???
- Received 4+ "wow nice" and 2+ "cool can you make it for my school" comments

R.A.N.T. (TOHACKS 2021)

Robot interrogation simulator

Video 📄 • Code 📄

May 2021

- Came up with a surprisingly usable project name in 30 seconds, marking a 300%+ reduction from past hackathons
- Wrangled the AI into producing relevant questions using **Javascript** and some convoluted pipeline; laughed at many incorrect outputs
- Worked within the constraints of the **Google Cloud Natural Language** and **OpenAI GPT-3** free API dollars
- Scripted, recorded, and uploaded a demo video starring stock photos in the final 30 minutes of the hackathon

GREENHOUSE PATTERN RECOGNITION (WINHACKS 2021)

Probably unpaid labour, but it's ok it was fun

App 📄 • Code 📄

Mar 2021

- Dragged two friends into their first hackathon, hopefully helping them learn **Python** and **Flask**
- Won a category by default—all the other teams gave up on this category or something

OTHER EXPERIENCE

SUMMIT LEADERSHIP CASE COMPETITION

Team leader—"The Education Application"

Vancouver, BC

Jan 2018 – Jun 2018

- Bombarded mentors with university questions that would usually be answered by an older sibling if I had one
- Still curious about which UBC room we presented in for the semifinals, despite actually attending UBC now
- Sat in office chairs possibly worth more than anything I owned

A NOT-FOR-PROFIT ORGANIZATION

Jack of all trades

Vancouver, BC

Apr 2017 – Jun 2019

ACHIEVEMENTS

Certified Decent Grades™ (Sep 2019 – Apr 2021)

Award (maybe a scholarship?) named after a very kind family (Jun 2019)

An impressive-sounding metal disk in a blue felt box (Jan 2020)

Award received during a phone call on the bus (Jun 2018)

INTERESTS

Graphic design, going outside, being well-rounded, arguing in favour of the interests section on a resume; they're good to have