

## Programming Skills

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- **Languages:** C, Java, Python, Assembly, NodeJS   **Other:** Git, Docker, REST-APIs, CI/CD, Jira, MongoDB

## Work Experience (Authorized to Work in the US)

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- **Microsoft** Vancouver, BC  
*Software Engineer Intern* *May 2020 - August 2020*
  - Will be working on the BigPark team (Office 365 products).
- **Target** Minneapolis, MN  
*Software Engineer Intern* *June 2019 - August 2019*
  - Worked on the Transfer Orders Team, managing product transfers across 1800+ stores, 25 distribution centers.
  - Helped develop a next generation product transfer solution to replace ~7 legacy solutions in the supply chain.
  - Migrated 9 microservices to the Target Application Platform, to streamline the development process.
  - Technologies included Java, REST-APIs, Kafka, JPA, MongoDB, CI/CD, Kubernetes, Docker, and Python.
- **University of British Columbia** Vancouver, BC  
*Teaching Assistant* *Sept 2018 - Present*
  - **Models of Computation**   ◦ **Intro to Computer Systems**   ◦ **Computer Hardware and OS**

## Projects

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- **xeros Kernel:** Developed a kernel based on the x86 architecture as part of my advanced OS class. This involved implementing a memory management system, handling process creation, management, and preemption, dealing with context switches, system calls, sending signals, inter-process communication, and writing a keyboard driver.
- **Telegram Chatbot:** Created a bot using Python and PostgreSQL, hosted with an AWS EC2 instance, that allows users to access their favorite stickers (emoji-esque images). Users can tag stickers and search for those tags in any chat to get a list of matches to choose from. Issues with lookup times prompted me to learn about probabilistic data structures, and implement a bloom filter to improve lookup speed.

## Academics

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- **University of British Columbia** Vancouver, BC  
*Bachelor of Science in Computer Science - GPA: 87%, US Scale: 4.1* *Sept. 2017 - May. 2021*
  - **Awards:**
    - \* Outstanding International Student Award
    - \* Charles and Jane Banks Scholarship
    - \* Trek Excellence Scholarship
    - \* Faculty of Science International Student Scholarship
  - **Coursework:**
    - \* Graduate-level Operating Systems Research
    - \* Software Engineering
    - \* Computer Networking
    - \* Stochastic Processes

## Activities

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- **Queer Coded** Vancouver, BC
  - **Committee Member:**
    - \* Part of a committee of LGBTQ+ students in CS working to create a culture of inclusivity in the department.
    - \* Assisted in establishing support for LGBTQ+ students by advertising workshops and events.
- **Computer Science Student Society** Vancouver, BC
  - **Vice President, Social:**
    - \* Developed events throughout the year for the undergraduate student body.
    - \* Facilitated organization of the end-of-year gala, an event with 160+ students in attendance.
    - \* Practiced effective communication, and attended weekly meetings to improve club operations.