

# Carson Jan

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## EDUCATION

### University of British Columbia (UBC)

Bachelor of Science, Major in Computer Science, 2nd year

1st year average: 95% (Computer Science), 91.7% (Overall)

Vancouver, Canada

Sep 2024 – Apr 2028 (est.)

## TECHNICAL SKILLS

**Languages:** Java, Python, C/C++, SQL\*, JavaScript\*, HTML/CSS, R

**Frameworks:** JUnit

**Developer Tools:** Git, Docker\*, VS Code, PyCharm, IntelliJ, Linux CLI

**Libraries:** pandas, NumPy, Matplotlib, Request, BeautifulSoup, Discord.py

\* currently acquiring

## PROJECTS

### Atomic Task Meter | Java, JUnit, Swing (Java) | academic | [GitHub](#)

Jan 2025 – Apr 2025

- Developed a lightweight, offline project management and tracking application in Java, enabling users to manage multiple projects simultaneously and boost productivity
- Applied Agile principles to iteratively develop, test, and deploy CLI, GUI, JSON-based storage, and logging functionality
- Wrote comprehensive JUnit tests to achieve 100% coverage in core modules, complemented by extensive functional testing to ensure runtime stability

### Palmbot | Python, pandas, Request, BeautifulSoup, Discord.py | personal | [GitHub](#)

Sep 2023 – Dec 2023

- Developed a specialized Discord chatbot in Python using the Discord.py library, enabling my high school peers to access school information and communicate efficiently
- Collaborated with club leaders to gather feature requirements, ensuring the bot met user needs
- Implemented encrypted data storage for anonymous chat and volunteer hours logging to enhance user privacy
- Published the source code on GitHub and deployed the bot on two major club Discord servers, generating 300+ user interactions within the first three months

## TECHNICAL EXTRACURRICULAR ACTIVITIES

### UBC BCS Hacks 2025 | hackathon

Mar 29–30, 2025

- Contributed to brainstorming an OOTD-suggestion web app with upper-year CS students and gained first-hand insight into full-stack MERN development

### UBC HelloHacks 2024 | hackathon

Oct 5–6, 2024

- Designed a Figma prototype for an NFC-based contact app and pitched the development plan and business concept, receiving positive feedback from mentors and judges

## ADDITIONAL WORK EXPERIENCE

### Restaurant Server

Jul 2024 – Aug 2024 (summer break)

Grand Hyatt Hong Kong

Hong Kong

- Greeted and assisted guests in English, Cantonese, and Mandarin Chinese to create a welcoming dining experience
- Maintained cleanliness and responded to guest needs promptly to ensure service quality and satisfaction

### Warehouse Worker

Jul 2023 – Aug 2023 (summer break)

Wai Fat Books & Stationers Limited

Hong Kong

- Ensured inventory is sorted, packaged, and delivered to facilitate store sales