

Carson Jan

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TECHNICAL SKILLS

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

Frameworks: JUnit, FastAPI

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

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

* currently acquiring

TECHNICAL PROJECTS

Atomic Task Meter | *Java, JUnit, Swing (Java)* | academic

Jan – 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

Sep – 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

Argon | *HTML, CSS, JavaScript, Python, FastAPI* | hackathon

Oct 2025

- Developed a full-stack web app that helps UBC students to find a roommate in off-campus housing

OOTDscribe | MongoDB, Express.js, Node.js, React (Vite), Tailwind CSS | hackathon

Mar 2025

- Designed an OOTD-suggestion web app with experienced developers and observed full-stack MERN development

ContApp | Figma | hackathon

Oct 2024

- Designed an NFC-based contact app and pitched the business concept & development plan

EDUCATION

University of British Columbia, Vancouver BC

Vancouver, Canada

Bachelor of Science, Major in Computer Science

Expected graduation: May 2028

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