

Stanley Hobbes Chiong

(778) 238-6522
shc26@sfu.ca

Software Engineer

GitHub: HobbesChiong
LinkedIn: hobbes-chiong

TECHNICAL SKILLS

Languages & Frameworks Python • Java • JavaScript • Express.js • C/C++ • FastAPI • Mongoose • HTML/CSS • JUnit5 • Spring Boot
Technologies Git • MongoDB • Windows • Linux • Postman • Firebase • Node.js • Android Studio

EDUCATION

Simon Fraser University - *Bachelor of Science in Computer Science*

SEP 2021 - JUN 2025

- **CGPA:** 3.65
- **Relevant Classes:** "Data structures and Programming", "Intro to Software Engineering", "Object Oriented Design"
- **Availability:** 4-8 months beginning September 2023

PROJECTS

JapanGo / StormHacks 2023  

MAY 2023

Full-Stack Developer

Python, FastAPI, Firebase, React

- Developed a **web application** for competing against other live users in Japanese character memorization
- Stored user scores and Japanese translation data in **Firebase** database
- Incorporated **multi session** multiplayer with **web sockets**, letting users play in concurrent matches

Maze Web App 

MAR 2023

Back-end Developer

Java, Spring Boot

- Built the back-end for a **web application** that lets users play a maze game in their browsers
- Implemented a **REST API** using **Spring Boot** to interact with model classes written in **Java** and export as **JSON** objects
- Demonstrated **object oriented** concepts such as **modularity and encapsulation** through classes

Co-operative Goals for Competitive Games 

DEC 2022

Android Developer

Java, Android Studio, Junit

- Created an **Android App** that provides achievement goals to competitive board games
- Implemented **front-end UI** and **back-end** data storage in Android Studio
- Wrote **Junit** tests while detecting, reporting, investigating, and fixing defects, achieving 100% code coverage

Organic Chemistry Quiz Discord Bot / Hack To School 2022 Hackathon   

SEP 2022

Full-Stack Developer

Python, Node.js, MongoDB, Express.js

- Built a Discord bot to aid students in learning IUPAC names of organic compounds, winning **First Overall** in the hackathon
- Wrote the **back-end** with **Express.js** and **Mongoose** to interact with a **MongoDB** database
- Utilized **GitHub** to handle source control opened by users and collaborate with 3 other project members

WORK EXPERIENCE

RoboKids / Richmond, BC

SEP 2021 - DEC 2021

Coding Instructor

- Taught classes of 4 elementary students **Scratch**, **Python**, **Lego Robotics (WeDo)**
- Collaborated with other teachers to design easy to learn materials
- Provided feedback to each student and communicated with management and parents

AWARDS

SFU Undergraduate Open Scholarship

SEP 2022 - APR 2023

- Awarded to undergraduate students with a CGPA of 3.67 or higher.

Dean's Honour List

SEP 2022 - APR 2023

- Granted to students with a standing of 80% or better with 24+ credits

Hack to School 2022 Hackathon

SEP 2022

- First Overall and My First Crafts Project (Best first hackathon project)