

# BRYAN DANG

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## EDUCATION

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### Simon Fraser University

*Bachelor of Science in Computer Science - Software Systems*

Sep 2020 – Present

*Burnaby, BC*

## EXPERIENCE

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### C++ Frontend Developer Intern

*DaoAI Robotics Inc.*

May 2022 - Aug 2022

*Vancouver, BC*

- Used Qt framework with C++, HTML, and CSS to create robot-configuration desktop app front-end
- Collaborated with backend team using Protobuf for data storage and retrieval
- Worked in an Agile environment using Jira and Git

## PROJECTS

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### Past Your Peak | [itch.io/past-your-peak/](https://itch.io/past-your-peak/), C#, Unity

July 2023

- Worked in a team of 6 to create a rogue-like Unity game in 24 hours (Game Jam)
- Wrote and debugged scripts for enemy AI and pathfinding logic
- Created and implemented all spritework, including animations

### Mobile Parenting Application | Java, Android Studio, JUnit

Oct 2021 – Dec 2021

- Used Java in Android Studio to create a mobile parenting application
- Implemented JUnit framework to write unit tests
- Collaborated with team members in an Agile environment, using Gitlab for version control

### Basic Database Simulator | Java, Spring Boot, Java Swing

Sep 2021 - Dec 2021

- Created a REST API Database using Spring Boot that can perform CRUD operations
- Used Java Swing to create a window-based application GUI for the database
- Implemented a GSON library to serialize Java objects to JSON files for data storage

## TECHNICAL SKILLS

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**Languages:** Java, C/C++/C#, SQL, HTML/CSS

**Frameworks and Libraries:** Qt, Spring Boot, Java Swing

**Tools:** Git, Jira, Unity

## EXTRACURRICULARS

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### SFU Software Systems Student Society

*Internal Representative, Merch Committee Team Lead*

May 2021 – Present

*Surrey, BC*

- Coordinate student events such as hackathons, study halls and game nights
- Lead the merch committee team to design and develop merch for students
- Act as Internal Representative to communicate with school faculty / clubs for collaborative events