Bryan Dang

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TECHNICAL SKILLS

Languages: Java, C++, C#, SQL, HTML, CSS, JS, TS
Frameworks and Libraries: Qt, Java Swing, Angular, protobuf
Tools: Git, Jira, Bitbucket, Unity

WORK EXPERIENCE

Frontend Developer Intern   May 2022 - Aug 2022
DaoAI Robotics Inc.   *Vancouver, BC*

- Developed Qt-based C++ front-end for a node-based robot configuration app
- Led node configuration menu and Undo system development, and performed extensive bug fixing
- Collaborated with backend team using protobuf for data storage and retrieval integration
- Worked in an Agile environment using Jira and Bitbucket

PROJECTS

Past Your Peak | itch.io/past-your-peak/ , *C#, Unity*   July 2023

- Created a rogue-like Unity game for a Game Jam (Winner of The Creativity Award)
- 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

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

EDUCATION

Simon Fraser University   Sep 2020 – Present
Bachelor of Science in Computer Science - Software Systems   *Burnaby, BC*

- GPA: 3.65 / 4.33
- Awards: SFU Undergraduate Open Scholarship (Sep 2021 - Dec 2022)
- Coursework: Data Structures & Programming, Object Oriented Design, Database Systems

EXTRACURRICULARS

SFU Software Systems Student Society   May 2021 – Present
Internal Representative, Merch Committee Team Lead   *Surrey, BC*

- Coordinate study halls, game nights, and large-scale faculty events
- Lead the merch committee team in designing and producing student merchandise
- Organizer for SystemsHacks, an annual SFU Software Systems hackathon with 100+ attendees