

Jordan Roberts

(778) 363-1264 | jordanjkroberts@gmail.com | [linkedin.com/in/jordan-roberts-bb6b7a2ab/](https://www.linkedin.com/in/jordan-roberts-bb6b7a2ab/)

EDUCATION

University of British Columbia

Bachelor of Arts in Computer Science (GPA: 3.8)

Kelowna, BC

Expected May 2024

TECHNICAL SKILLS

Languages: Java, Python, C/C++, SQL (MySQL), JavaScript, HTML/CSS, PHP

Frameworks: JUnit, PHPUnit, JQuery

Developer Tools: Git, Docker, VS Code, Visual Studio, Eclipse, Figma, Maven

Libraries: pandas, NumPy, ImageMagick

PROJECTS

Labor Scheduling Board | *PHP, Apache, JavaScript, HTML, Docker, Git*

Summer 2023

- Developed an application for the visual organization of project labor to improve and replace previous analog system for a local electrical contractor
- Implemented a massively scalable UI for use on projector through the use of native CSS
- Simplified the CI pipeline through the implementation of automated testing through GitHub actions
- Optimized server storage use by over 50% utilizing Image Magick to compress and scale user uploaded images
- Created as part of an agile based team of five in two months for capstone project

Forum Website | *PHP, Apache, JavaScript, HTML, XAMPP, Git*

Fall 2022

- Developed a fully functional forum website over the course of a semester through the use of the LAMP stack
- Created a dynamically updating user experience while maintaining database integrity through the use of asynchronous JavaScript alongside SQL transactions
- Designed the UI in the style of a 90s operating system by utilizing CSS flexbox
- Built a real-time statistics dashboard for admins by implementing Chart JS with user info stored in database

Junk Collector - BCHacks 5.0 | *JavaScript, HTML*

Winter 2024

- Won 'Best First Time Hack' for BCHacks 5.0 by developing a 2D Side-scrolling video game in 24 hours
- Architected the project while assisting and teaching beginner teammates
- Improved performance by switching from HTML elements to a rapidly updating canvas element
- Optimized simplicity and learning for teammates by creating the project in vanilla JavaScript without the use of libraries or frameworks

"Therapy" Chatbot | *Java, AIML, Git*

Fall 2022

- Showcased knowledge and understanding of agile software development practices through the development of an AI chatbot
- Optimized the chatbots' ability to respond to user input by implementing an AIML interpreter for Java
- Improved the accessibility of the software through the implementation of an optional narration tool
- Created a simple but intuitive UI through the use of the Java swing library

EXPERIENCE

Computer Repair

Jan. 2021 – Present

Self Employed

Kelowna, BC

- Repair software or hardware related faults on client computers
- Experience fixing or replacing corrupted hard drives, faulty graphic cards, and damaged Windows installations

Zipline Guide/Zipline Manager

June 2020 – Aug. 2023

Oyama Zipline

Oyama, BC

- Led participants safely through a guided zipline tour by focusing on strong safety principals
- Created a welcoming and relaxed environment through strong customer service and attentiveness to detail

Assistant Instructor

April 2017 – July 2021

Kees Taekwondo

Lake Country, BC

- Directed groups of students through exercises and activities while maintaining a safe and welcoming environment
- Required the planning and execution of lesson plans and activities in fast-paced situations
- Created a fun and exciting experience while still focusing on strong principles of learning and discipline