



website: <https://luevrata.github.io/personal-website/>

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Technical Skills

Programming skills: Java/ JavaScript (Typescript)/ C/C++ React/ Node.js/ CSS/ XML/ JSON/ HTML/ REST APIs/ SQL
 Testing: JUnit, Cypress, Jest, Chai
 Other: Docker, Git, Jira, Jenkins, Accessibility, VS Code, Visual Studio, IntelliJ IDEA

Education

UBC, Vancouver | Year 3, Bachelor of Science, Computer Science Major 09/2021 – 05/2025

- Cumulative GPA: 87.3/100
- Relevant Courses: Relational Databases, Algorithms and Data Structures, Artificial Intelligence
- Awarded “Honor Roll Certificate”

Internships

Workday, Vancouver

Software Application Engineer Co-op | Jest, Cypress, Typescript, React, Jenkins, REST APIs 09/2022 – 9/2023

- Collaborated on building customer-facing web-based app using JavaScript/React and additional backend tools
- Configured RESTful APIs and proxy endpoints to enhance app functionality
- Built reusable component using CSS and Typescript as a part of internship project to enhance user experience and improve overall look of the website
- Ensured compliance with accessibility standards (WCAG and WAI-ARIA) for a more inclusive user experience
- Migrated the usages of React Redux to React Query for improved performance
- Implemented automated testing using Jest and Cypress to ensure reliable software delivery

Technical Projects

EngageSense Application | Docker, Typescript, React, CSS 08/2023 – present

- Deployed the application using Docker and streamlined the deployment process
- Set up the foundational structure of the frontend repository using Typescript/React to optimize code organization
- Ensured a responsive UI by creating a viewport provider to enhance user experience across various screen sizes
- Implemented queries to efficiently retrieve and display images from AWS to optimize data retrieval and storage

Personal Website | JavaScript, HTML, CSS 12/2022

- Developed a WEB based Personal Website in JavaScript using VS Code
- Designed and developed UI Web forms using React, HTML, and CSS
- Deployed website using GitHub pages

College Attendance Management System | SQL Server, Python 02/2022 – 04/2022

- Built a database in SQL Server that stored information about users and student’s attendance
- Developed user interface in Python using Visual Studio
- Programmed triggers to change, update, delete data from database

Snake Game | Java, HTML, XML 11/2021 – 02/2022

- Developed a game in Java (Android Studio) where user controls snake and consumes food units
- Designed and programmed Java graphical user interface using XML
- Used handlers to allow user to interact with the game using touch screen

Task Scheduler | Java, JUnit, JSON, OOP 09/2021 – 11/2021

- Developed an application in Java using IntelliJ IDEA to schedule user’s tasks for a specific time
- Created JUnit tests to test JSON and base classes
- Created JSON classes to provide user an opportunity to write/read schedule to/from a file
- Designed GUI using Java Swing

Activities

Hackathon cmd-f 2022 | C++, OOP 03/2022

- Led a group of four students and won UBC CS Project Hub Prize
- Developed Voting System in C++ using Visual Studio
- This project provides voters accurate and live statistics of the percentage of the votes for each candidate, as well as the percentage of each candidate from each province of Canada

Programming Tutor, Vancouver | Self-employed 02/2022 – 04/2022

- Created effective tutoring sessions by working closely with students to ascertain full understanding of key programming concepts like basic data structures and object oriented programming
- Offered insightful feedback and motivation to inspire students to work towards their goals
- Answered email message and telephone calls to provide quick assistance
- Reached a client base of five people