

Abhi Verma Computer Engineering Student

a.verma1304@gmail.com | 403-852-6449 | abhi-verma.netlify.app

EDUCATION

University of British Columbia

Expected Graduation: May 2026

Bachelor of Applied Science - Computer Engineering

- Trek Excellence Scholarship – Awarded for being in top 5% of Engineering faculty

PROFESSIONAL EXPERIENCE

UBC x AWS Cloud Innovation Centre, Vancouver, British Columbia

May 2024 – Present

Software Engineer Intern

- Engineered an **AWS** and **React**-powered platform for the UBC Faculty of Medicine to streamline creation of CVs, enhancing operational efficiency across **19 departments**, **3 schools**, and **25 research centers**
- Leveraged **AWS cloud technologies** to design, develop and deploy scalable solutions for multiple real-world challenges based on customer specifications
- Collaborated effectively within a diverse team of developers and stakeholders, presenting technical solutions and documenting them meticulously to ensure easy deployment

UBC Launch Pad, Vancouver, British Columbia

January 2023 – Present

Software Developer

- Developed mobile and web applications using front and backend tools within a professional framework.
- Utilized **AWS S3** and **Svelte** to create a web-based application for efficient document management, which significantly improved the accessibility and organization of Launch Pad's resources
- Incorporated an intermediary **SQL** database to store documents' metadata which will be used to query, search, and filter sensitive information

Henry Wise Wood High School, Calgary, Alberta

September 2021 – December 2021

Computer Science TA

- Evaluated and provided feedback on assignments that included work with object-oriented programming, data structures, iterative and recursive functions in **Java**
- Programmed automated **JUnit** tests for each assignment and made tutorials on **Java Swing**

PROJECTS

Spotify Playlist Generator, github.com/abhiverma13/Spotify-Playlist-Generator

- Constructed a music exploration and playlist management web app utilizing Flask, Spotify API, and a responsive front-end crafted with HTML, CSS, and JavaScript to elevate user engagement
- Developed features for exploring, creating, and filtering playlists, as well as finding similar songs based on user preferences

EpiLog, github.com/ubclaunchpad/epilog

- Gained proficiency in **Flutter** to construct mobile health application designed to aid individuals with epilepsy, providing me with a deep understanding of the software development lifecycle
- Conducted code reviews and rigorous application testing to identify and debug errors
- Used **Figma** to devise innovative UI strategies for crafting an engaging and interactive user interface

Movie Review App, github.com/abhiverma13/Movie-Review-App

- Implemented a full-stack web application allowing users to view the latest releases on the homepage, search for any movie, and post reviews
- Integrated **The Movie Database API** for backend functionality with **Express.js** and **MongoDB**, and crafted a responsive frontend with **HTML**, **CSS**, and **JavaScript**.

SKILLS

Programming Languages: Java, C/C++, Python, HTML, CSS, JavaScript, TypeScript, SQL

Frameworks and Libraries: React, Jest, JUnit, Flask, Svelte, Flutter, Node.js, Express.js

Software Tools: AWS, Linux/Unix, REST APIs, GraphQL, MongoDB, PlanetScale, Git