

# Abhi Verma Computer Engineering Student

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## SKILLS

**Programming Languages:** Java, C, Python, HTML, CSS, JavaScript, TypeScript

**Software Tools:** React, Flask, Svelte, Flutter, Node.js, Express.js, MongoDB

**Other Tools:** Verilog, ARMv7, ModelSim, Quartus, MATLAB, Arduino

**Soft Skills:** Resiliency, Creativity, Leadership, Communication, Teamwork, Time Management

## EDUCATION

**University of British Columbia**  
**Bachelor of Applied Science - Computer Engineering**

**Expected Graduation: May, 2026**  
**CGPA: 90.1%**

## EXPERIENCE

**UBC Launch Pad, University of British Columbia**  
**Software Developer**

**January, 2023 – Present**

- Committed to developing software projects within a collaborative and professional framework
- Connected with other tech enthusiasts to work in a team environment and learn about professional development tools and principles
- Encouraged creativity by forming potential app ideas and then created teams based on shared interests to bring those ideas to life

**Henry Wise Wood High School, Calgary, Alberta**  
**Computer Science TA**

**September, 2021 – December, 2021**

- Evaluated and provided feedback on assignments that included work with object-oriented programming, data structures, iterative and recursive functions in Java
- Programmed tests for each assignment to allow students to assess and fix code
- Taught PowerPoint tutorials and created sample projects on how to use Java Swing

## TECHNICAL PROJECTS

**Cosmic Gateway, UBC Launch Pad (Team Project)**

**September, 2023 – Present**

- Utilized AWS S3 to effectively manage storage of Launch Pad's documents
- Learned and utilized Svelte for front-end of Docs web application, which is connected to AWS S3
- Currently working on storing documents' metadata in an intermediary NoSQL database that will be used to query, search, filter, and store sensitive information

**Spotify Playlist Generator, Personal**

**January, 2024**

- Developed a web app utilizing Flask and Spotify API for playlist exploration, creation, and filtering, as well as recommending similar songs based on user preferences.
- Implemented a responsive frontend with HTML, CSS, and JavaScript, enhancing user experience

**EpiLog, UBC Launch Pad (Team Project)**

**January, 2023 – April, 2023**

- Developed proficiency in Flutter to construct front-end of a mobile health application designed to aid individuals with epilepsy and support caregivers in monitoring and managing seizures
- Acquired hands-on experience with Figma and formulated effective strategies for crafting an engaging and interactive user interface
- Collaborated with other team members through Git and Slack

**Movie Review App, Personal**

**April, 2023**

- Implemented a full stack web application using The Movie Database API to display the latest movies on the homepage as well as search for any movie to post reviews online
- Created front-end using HTML, CSS and JavaScript while back-end used Express.js and MongoDB

**The Verma Blogs, Personal**

**December, 2022**

- Acquired proficiency in React to develop a personal blog site where users can read and post blogs
- Created a local database file to store blog data which can be expanded to a database program

## **AWARDS**

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**Trek Excellence Scholarship**, University of British Columbia

**2023**

- \$1500 awarded for being in top 5% of the Engineering faculty

**Alexander Rutherford Scholarship**, Government of Alberta

**2022**

- \$2500 awarded for having an average above 80% in high school

## **INTERESTS & ACTIVITIES**

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Programming personal projects, playing basketball, regularly working out and watching the latest movies