

CHAITANYAA CHOPRAA

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SUMMARY

I am a passionate and detail-oriented 3rd-year Computer Science student at the University of Victoria with a strong background in Web Development. Skilled in languages like C, Java, Python, and Assembly. Experienced in project management through a co-op at Houle Electric, demonstrating the ability to oversee projects from conception to completion. Driven by innovation and a commitment to quality, with a proven ability to adapt quickly to recent technologies and ensure project completion. Experienced in Object-Oriented Programming, Data Structures, and Debugging, with a relentless push to achieve goals. Seeking a Software internship to broaden expertise and contribute to advanced solutions.

EDUCATION

Bachelor of Science in Computer Science with Software Systems Option | University of Victoria | Victoria, BC

Expected Graduation Fall 2025

Coursework: Fundamentals of Programming (Python & Java OOP), Database Systems (Python & MySQL), Operating Systems, Software Development Methods (Python & C), Computer Architecture (Assembly), Data Structures & Algorithms (I, II), Technical Writing, Numerical Analysis, Human Computer Interaction, Requirements Engineering, Computer Graphics

SKILLS

Programming: JavaScript, Python, C, C++, Java, Assembly, WebGL

Web Development: HTML5, CSS3, HTTP, SSL, JSON, SEO

Software Development: Git/GitHub, Visual Studio Code, Docker, Linux, Android Studio, Swift X

Database: MySQL (Relational Databases), Firebase

Soft Skills: Creative Problem-Solving, Conceptual Thinking, Adaptability, Collaboration, Multitasking, Constructive Criticism, Critical Thinking, Effective Communication (Technical and Non-Technical Audiences), Embedded Systems, Teamwork, Project Experience

Hobbies: Learning modern technologies, Working on Cars, Collecting Sneakers, Video Games

WORK EXPERIENCE

HOULE ELECTRIC | Victoria, BC | January 2024 – August 2024

Co-op Project Manager/Assistant, Cowichan Hospital District Replacement Project

- Develop and implement robust Quality Assurance (QA) and Quality Control (QC) processes for the Cowichan District Hospital redevelopment project.
- Collaborate with engineers, architects, contractors, and regulatory bodies to refine QA/QC procedures.
- Conduct regular inspections and audits to monitor compliance with quality standards and regulatory requirements.
- Successfully implemented effective QA/QC processes to ensure project completion on time and to the highest standards of quality and safety.
- Acquired knowledge of LEED Safety standards while working on the Cowichan District Hospital redevelopment project, which is built on GOLD LEED standards.

Best Buy Canada | Uptown, Victoria, BC | September 2022 – December 2023

Retail Sales Associate, Mobile

- Assisted an average of 50+ customers daily, advising on product features and benefits, resulting in a 20% increase in monthly sales.
- Provided expert guidance to customers on purchasing phones and plans from multiple carriers, ensuring a seamless and tailored experience.
- Demonstrated exceptional customer service skills, resolving inquiries and issues to achieve high customer

satisfaction ratings.

- Developed a deep understanding of mobile devices and carrier plans, enabling effective product recommendations and sales strategies.

PROJECTS

THE BRIEF BULLETIN | Technologies: Wix, HTML, CSS, JavaScript | [Website](#)

- Established and oversaw the development of a news blogging website for "The Brief Bulletin," a burgeoning startup, with a daily readership of over 70 individuals.
- Orchestrated the continuous maintenance of the platform, ensuring its seamless operation, while facilitating real-time updates contributed by the startup's team of journalists hourly.
- Spearheaded the digital presence of "The Brief Bulletin," providing a dynamic and up-to-the-minute news source, bolstering the startup's visibility and audience engagement.

OFFLINE | Technologies: Java, Kotlin, Android Studio | [GitHub](#)

- Developed an educational project tailored for high school students in grades 11 and 12, featuring interactive services such as calculators and a built-in social networking platform.
- Designed and implemented a student-centric application that fosters connection and collaboration among users, enhancing the overall learning experience.
- Crafted a comprehensive digital solution catering to the academic and social needs of students in the specified grade levels.

PERSONAL PORTFOLIO WEBSITE | Technologies JavaScript, HTML, CSS, API | [Website](#)

- Engineered a dynamic personal portfolio website using HTML, displaying professional achievements and projects. Integrated Styled Components for a tailored and responsive design.
- Incorporated API for the contact page, enabling real-time storage and management of up to 5000+ user messages.
- Optimized website performance, achieving a 30% reduction in load times, and ensured cross-device compatibility.

Airline Manager | Technologies: Python, C, File I/O, Dynamic Memory | [GitHub](#)

- Extracted essential information from a vast dataset and presented the relevant results effectively.
- Seamlessly combined two datasets based on a common attribute and organized the data using Python's Pandas library, ensuring a well-structured and sorted dataset.
- Addressed memory leaks in C to enhance program efficiency, successfully resolving all memory-related issues.

HOSPITAL MANAGEMENT SYSTEM | Technologies: C, MySQL | [GitHub](#)

- Designed and implemented a robust hospital management system using C++ and MySQL, streamlining, and optimizing daily operational procedures.