

Charlie Dunsford

Victoria, BC

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EDUCATION

Double Dogwood Diploma , Duchess Park Secondary School	Completed June 2022
Studied French in Bai-Comeau, QC during fall 2018 at BCHS	
University Studies , College of New Caledonia	Completed April 2024
Computer Science Undergraduate , University of Northern British Columbia	Completed April 2026
Made Dean's list 2026	
Computer Science Undergraduate , University of Victoria	Expected December 2028

SKILLS

Languages: Java, HTML, CSS, JavaScript/TypeScript, Python, Verilog

Frameworks: NodeJS, Angular, React, Expo, Eleventy

Technology: Git, VS Code, IntelliJ, Microsoft Office, Xgpro, Intel Quartus, AWS, Firebase

PROJECTS

Score Four Game (Java) [\[GITHUB\]](#)

- Utilized **Javadoc** and **Git** to create a comprehensive guide and version control for code readability and history tracking. Assisted peers with setting up version control with **Git** using **GitHub**.
- Implemented a rigorous game loop and logic by using debugging tools found in **IntelliJ** and **Junit** using **Java**.

ULock (Angular, AWS) [\[GITHUB\]](#) [\[DEMO\]](#)

- Created a password management web application using the **Angular** framework and hosted it online using **AWS**'s tools (RDS, CloudFront, and Elastic Beanstalk).
- Ensured the application usability on both large screen devices and small screen devices, such as mobile phones.

Personal Website (HTML/CSS/JavaScript) [WIP] [\[LINK\]](#)

- Developed a personal website using **HTML/CSS/Javascript** with **Eleventy** as a template manager.

Study Hive (Expo, Firebase) [WIP] [\[DEMO ON REQUEST\]](#)

- Implemented reactive screens for a study group finder mobile application using the **Expo** framework.
- Utilized **Firebase** to authorize users and send verification and password reset emails.
- Managed the **Git** repository rebases to ensure my team can remain working efficiently on the latest features.