

Daniela Gallegos Dupuis

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EDUCATION

BSc. Computer Science, Second-Year Standing
UNIVERSITY OF VICTORIA

Sept 2020 | Summer 2025 with Co-op

- Cumulative GPA: 3.3 /4.0, B+
- Extracurricular Activities: **NeuroTech Club**, **AI Club**, **WECS UVic**, **CMD-F** and **Venus Hackathon**, **Salsa Dancing**

EXPERIENCE

SCHNEIDER ELECTRIC | FIRMWARE ENGINEERING CO-OP STUDENT

Victoria, BC | May 2022 – Dec 2022

- Utilizing **pytest**, wrote unit **automated tests** verifying a two byte response service and the password reset authentication session for ION900 and PM800 Power Meter variants.
- Connected and installed power meters into the team's test rack using various types of network protocols: **ssh**, **ethernet**, **debug card**, **pyion** to ensure they could be accessed and manipulated remotely.
- Actively participated in firmware test planning within an **agile continuous integration** workflow by writing test cases, reports and performing sanity checks

GOOGLE | SOFTWARE PRODUCT SPRINT PARTICIPANT (SPS)

Remote | May 2022 – Aug 2022

- Collaborated with a team of peers to design and implement a **web application** leveraging various **Google Cloud Platform APIs**, including **App Engine** and **Datastore** as a team with aid for a project advisor.
- Created a dynamic, interactive personal portfolio, using **Java servlets**, **JavaScript**, and **HTML/CSS** that responded to real-time user generated data.

UNIVERSITY OF VICTORIA | WOMEN IN ENGINEERING AND COMPUTER SCIENCE (WECS) Club Co-President | Jan 2021 – Present

- Held review sessions for mandatory first year computer science courses, presenting to an auditorium of over one hundred students
- Peer-tutored in **C**, **Java** and **Python** programming languages and built a virtual community of **80+ students**

PROJECTS

MULTIPLE CHOICE PROGRAM 

JAVA | AUG 2022

As a computer science student and a fan of automation, I studied for a programming exam by writing a Java multiple choice test, programmed in Java. This way I studied the theory covered in class, gained some practice and created a useful project.

HOPP-ING THROUGH HISTORY 

CMD-F HACKATHON, JAVASCRIPT WEB GAME | MARCH 2021

"Hopp-ing Through History" is a web browser game that raises awareness about women in technology and the struggles they have faced throughout history. We wanted to create an easy yet aesthetically pleasing game that would educate players about the impact of women in technology to reduce gender bias.

SMOOSH 

KHAN ACADEMY, JAVASCRIPT WEB APPLICATION | AUG 2017

Khan Academy was my first ever exposure to programming and what sparked my passion for computer science. I devoured their computer science content during a high school summer, and that is where I made my first ever programming project: a simple JavaScript Web game.

SKILLS

Languages and Frameworks: Java, Python, Pytest, JavaScript, HTML/CSS, Bash, C, SQL, JUnit, Linux and Virtual Environments

Technology: Git, Pylon, App Engine, Datastore, API, REST, JSON, Google Cloud Console