



LILY PLAMONDON

Software Engineer & Teaching Enthusiast

Bachelor's in Computer Science graduate from Simon Fraser University. I have a passion for teaching others and support inclusivity as someone in the LGBT community. I believe in education, technology, STEM, and computer science accessibility for all. I study German and Japanese because I believe it is important to understand other people and cultures.

EXPERIENCE

Volunteer DEVELOPER

Vancouver Datajam: January 2020 – March 2020, June 2021 - Current

<https://www.vancouverdatajam.ca/>

I worked in a team to build and update the Vancouver Datajam's website

- Used Node.js to use as a framework for the RESTFUL API, and Nodemailer.js for a contact form. The NPM package manager was used to manage all the packages.
- Worked with a senior web developer to use Gulp and SCSS to streamline development.
- Updated the website for the 2021 datajam
- Worked to migrate the datajam to be online for 2021 due to covid

PRIVATE TUTOR

Elementary and High School Level: April 2020 – March 2020

Hired to provide in-home tutoring, homeschooling, homework help, and support during the COVID-19 pandemic.

- Used images with math equations to help visualize fractions.
- Helped with reading, showing how to determine what information is important.
- Helped students when they felt overwhelmed, getting them to calm down and be able to focus again.
- Created multiplication tables to improve the math skills of the children.
- Improved the amount of work being done by the children, so they were no longer falling behind in school.

NICOBOT

Discord Community Bots: October 2019, May 2021-Current

<https://github.com/nyhchang/NicoBot>

<https://github.com/SFUAnime/Ren>

Worked on a variety of discord bots for various community servers, both creating from scratch and updating and maintaining existing bots.

- Implemented and tested the logging system for the moderation team, allowing them to see when messages were changed and the original contents.
- Implemented date checking and automated messages on preset dates.
- Implemented API calls to fetch random images

CONTACT

Email: lcplamond@gmail.com

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SKILLS

Programming Languages

C/C#/C++, Python, Java,
JavaScript, HTML5, SQL, Ruby

Frameworks

Ruby on Rails, Bootstrap,
Ren'Py, Unity 2D, React.js,
SASS, Node.js, Gulp.js

Soft Skills

Adaptability, Communication,
Creativity, Patience,
Teamwork, Problem Solving

EDUCATION

Bachelor of Science / Computer Science

Simon Fraser University,

Burnaby, BC

2014 – 2019

GPA: 3.67

Awards:

Major Entrance Scholarship
\$5000 Value