Liam Lawlor

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🔗 lplawlor.com

Skills

Programming

TypeScript, JavaScript, Python, Java, C++, Git, Unit Testing

Web Development

HTML, CSS, React, Next.js, Django, RESTful APIs, TailwindCSS, Boostrap

Database Design & Management

PostgreSQL, MySQL, Prisma ORM, Django ORM, SQLite, MongoDB

Packaging and CI/CD

Docker, Kubernetes, GitHub Actions, Nix

Teamwork

Technical Communication, Code Review, Supervision, Agile Scrum

Languages

English

Native

French

Fluent (DELF B1 Certified)

Projects

Personal Website

My personal website for hosting my resume and links.

🔗 https://lplawlor.com

React, TypeScript, TailwindCSS, Vite

Brushma

Web app using the Spotify API to fetch user libraries and generate playlists.

🔗 https://brushma.com

Next.js, React, TypeScript, TailwindCSS

NixOS Configuration

My custom Linux configuration using NixOS and Home Manager.

🔗 https://github.com/lplawlor/nixos

Linux, Nix, CSS

Summary

As an experienced software developer and graduate of Memorial University's Bachelor of Computer Science program, I possess strong programming skills and a passion for problem-solving.

Experience

MicroHabitat   09/2023 - 03/2024

Junior Full-Stack Web Developer Intern

- Collaboratively developed a client-facing web app using TypeScript, React, Next.js, Prisma ORM and TailwindCSS.
- Developed, tested and documented a back-end database and RESTful API using Python, Django and PostgreSQL.

Johnson Geo Centre   01/2021 - 04/2021

Education Space Design Intern

- Performed research and planning for a Makerspace, including 3D printers, robotics and other educational technologies.
- Helped prototype a solar-powered climate education kit as part of the Climate Collective project.

Brilliant Labs   06/2018 - 08/2018, 06/2019 - 08/2019

STEAM Mentor and Supervisor

- Taught children aged 5 to 15 about programming and technology using block-based coding languages, educational devices and 3D printers.
- Promoted to supervisor in 2019, with the added responsibilities of logging hours and corresponding with management and partners.

Education

Memorial University of Newfoundland   09/2018 - 04/2023

Bachelor of Science, Computer Science

- Graduated with a cumulative GPA of 3.73.
- Faculty of Science Dean's List 2022-23.

Gonzaga High School   09/2015 - 06/2018

Honours Diploma, French Immersion

- Graduated as Valedictorian, Class of 2018.

Awards

JMC Facey Engineering Scholarship   11/2018

Fry Family Foundation

- The largest scholarship a first-term student can receive through Memorial University's Faculty of Engineering and Applied Science.

Governor General's Academic Medal   12/2018

The Governor General of Canada

- Awarded for the highest grade point average of a Canadian high school's graduating class.