

# Liam Earle

 laearle@mun.ca  1 (709) 631-9969  liamearle.ca  GitHub: liam-earle  LinkedIn: Liam Earle

## Experience

---

### Bluedrop ISM

Jan 2022 – Aug 2022, May 2023 – Aug 2023, Jan 2024 – present

#### Full-Stack Developer

- Experience doing both backend and frontend development using modern tools
- Helped build high quality REST APIs using NodeJS
- Made contributions to build and modify high-quality user facing front-end user interfaces using modern frameworks (AngularJS and ReactJS)
- Experience doing extensive unit and integration testing using Sinon and other Javascript testing frameworks.
- Worked independently to implement REST APIs into many front-end projects to allow for dynamically changing links on a per organization basis
- Utilized tools such as Jira and GitHub to manage and keep track of ticket backlogs and timelines
- Working independently and as part of an agile team

### Retrievium (Memorial University)

Sept 2022 – Sept 2023

#### Full-Stack Developer (Part-Time)

- Experience doing both backend and frontend development using modern tools
- Helped build high quality REST APIs using FastAPI and Remix
- Made contributions to build and modify high-quality user facing front-end user interfaces using ReactJS and Remix
- Utilized tools such as GitHub to manage and keep track of ticket backlogs and timelines

### Freelance Web Development

June 2022 – present

#### Friends of Victoria Park, DETechnologies, MUN Engineering Society

- Created static and dynamic websites for individual organizations
- Utilized modern technologies such as AstroJS, NextJS, ReactJS, and TailwindCSS to build a beautiful front-end user experience
- Used NodeJS, FeathersJS, PostgreSQL and Supabase to build backend REST APIs for various dashboards and event management systems

## Education

---

### Memorial University of Newfoundland

St. John's, NL, Canada

#### Bachelor of Engineering - Computer Engineering

2020 – present

Groups: Treasurer IEEE Student Branch, Software Lead MUN Baja, Software Team Paradigm, Software Team MUNStar-1

## Skills

---

JavaScript (ReactJS, NodeJS, AngularJS, ExpressJS), TypeScript, Dart (Flutter), C++, Python, Java, C#, HTML, CSS, SQL (PostgreSQL, SQLite), NoSQL (Firebase), REST-APIs, WebSockets, GraphQL, Webpack, Unit Testing, Git, JIRA, Docker, GitHub Actions, TailwindCSS, ChakraUI, Astro, Agile Development

## Projects

---

### Copper Social

Jan 2024 – Mar 2024

- Developed and maintained a monorepo for Copper, a communication platform amalgamating features from Discord and Instagram.
- Implemented front-end functionalities using RemixJS, React, and ChakraUI, enhancing user experience and interaction.
- Engineered robust back-end solutions utilizing Express.js, Prisma, and SQLite, ensuring efficient RESTful API development and data management.
- Integrated real-time messaging features leveraging SocketIO, enhancing user engagement and interactivity within the platform.

## Awards

---

### Endowment Fund Scholarship

\$2500

Memorial University

2020

### Ann Neville Scholarship

Unifor Local 410

*\$1000*

**Regional At Large Scholarship**

*\$500*

2021

**NAPE**

2020