

Liam Earle

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Experience

Bluedrop ISM

Jan 2022 – August 2022, May 2023 – August 2023

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

Memorial Baja

Dec 2022 – present

Software Team Lead (Extra Curricular)

- Lead Engineer for the organization's software projects
- Utilized tools such as AstroJS, ReactJS, and ThreeJS to create the team's public-facing website
- Used NextJS, ReactJS, and RaspberryPi to create a user-friendly, beautiful, informative dashboard/gauge cluster to display vehicle diagnostics to the driver and relay them back to the team wirelessly

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

Friends of Victoria Park

June 2022 – Sept 2022

Web Developer (Freelance)

- Created the main website for the organization to display information and allow for online day camp registration
- Utilized modern technologies such as NextJS, ReactJS, and TailwindCSS to build a beautiful front-end user experience
- Used NodeJS and TypeScript to create a REST API to convert online day camp registration forms to Google Doc
- Maintained Lantern Festival WordPress site

Education

Memorial University of Newfoundland

St. John's, NL, Canada

Bachelor of Engineering - Computer Engineering

2020 – present

Groups: Treasurer of the IEEE Student Branch

Skills

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

Awards

Endowment Fund Scholarship

Memorial University

\$2500

2020

Ann Neville Scholarship

Unifor Local 410

\$1000

2021

Regional At Large Scholarship

NAPE

\$500

2020

Projects

For Personal Projects visit <https://liamearle.ca/>