Liam Earle

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Experience

Bluedrop ISM   **Jan 2022 – August 2022, May 2023 – 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

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 – present**
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 – 2024
Groups: Treasurer of the IEEE Student Branch

Skills

JavaScript (ReactJS, NodeJS, AngularJS), Dart (Flutter), C++, Python, Java, C#, HTML, CSS, SQL (PostgreSQL, SQLite), NoSQL (Firebase), REST-APIs, Unit Testing, Git, JIRA

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/