

Spencer McMurray

Computer Science Student

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Skills

- **Languages:** JavaScript, Python, C#, Java, PHP, SQL, C
- **Technologies:** React, Next, Flask, Node, Express, Git, Firebase, MySQL, MongoDB, Unix, UML

Experience

Ceridian - Dayforce

Software Developer Intern

Sept. 2019 - Dec. 2019

Agile Development / C# / .NET / JavaScript / MVVM

- Worked in an **Agile** team to develop the Performance system, used by **millions** of people worldwide
- Wrote .NET code using the **Model View View-Model** pattern along with **JavaScript** in the front-end

Top Projects

AutoTab

React / Next.js / Flask / Azure / Firebase / MySQL / MongoDB

A website for fast tabulation of Irish Dance competitions with Computer Vision

- Modernized tabulation of handwritten results using Azure's Computer Vision for **blazing speed**
- Interfaced with Google's **Firebase Authentication** to provide a simple and secure user experience

Personal Site

TypeScript / Reach / Next.js / Serverless Functions / GitHub API

My personal site to introduce myself and show off my top projects

- Developed **Serverless Functions** to fetch my repos and their stats using the **GitHub API**
- Integrated dark-mode toggle with support for easily changing themes using React's **Context API**

BriAccess

JavaScript / React / Progressive Web App / Accessibly

A tool allowing the hearing impaired to easily communicate with others in emergency situations

- Built from the ground up in an **agile team of seven** for the **Ontario Association of the Deaf**
- Will be installed on **all Police, Fire, & EMS devices** to cut such encounter times **down by over 400%**

Education

University of Toronto, St. George

Honours Bachelor of Science in Computer Science

Sept. 2017 - Present

- Specializing in Artificial Intelligence, Computer Vision, and Game Design