

# Spencer McMurray

Computer Science Student

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## Education

### University of Toronto, St. George

Sept. 2017 - Present

#### *Honours Bachelor of Science in Computer Science*

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

## Experience

### Ceridian - Dayforce

Sept. 2019 - Dec. 2019 & Sept. 2020 - Dec. 2020

#### *Software Developer Intern*

*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

### TD via UofT

Sept. 2020 - Apr. 2021

#### *Software Developer*

*TypeScript / React / Express / PWA / Agile Development*

- Built a solution to **maximize accessibility** and **ease-of-use** for bank queues in-person and online.
- Worked in an **inter-disciplinary team** of Designers, and Engineers to satisfy the needs of our Client.

## Top Projects

### AutoTab

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

#### **System 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 Website

*Typescript / React / Next.js / Serverless / GitHub API*

#### **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**

## Skills

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