

Matthew McCracken

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≡ SKILLS

- **Languages:** JavaScript, TypeScript, HTML, CSS/Sass, Python, SQL, C/C++, and GraphQL
- **Tools:** Docker, Webpack, ESLint, Git, Linux, MongoDB, GCP, and Node.js
- **Frameworks & APIs:** React, React Native, Mithril, Next.js, .NET, and Prisma

</> EXPERIENCE

Software Developer Intern

Oakville, Ontario

Geotab

May 2021 – August 2022

- Worked on Citizen Insights and Safety Benchmarking, enabling municipalities to easily deploy custom websites displaying the status of city services in intuitive, responsive applications.
- Enhanced data visualization efficiency, reducing data render time by %75 for the largest clients.
- Spearheaded the development and deployment of new features, fostering cross-functional collaboration with product managers, UX designers, and QA to drive tangible business impact.
- Demonstrated a robust command of contemporary front-end technologies, effectively applying expertise to optimize software quality and enhance the end-user experience.
- Provided value to multiple teams, adapting to new codebases and technologies with ease.
- Exhibited a commitment to excellence, providing high-quality, well-tested, and documented code.
- Extensive use of TypeScript, Sass, Node.js, Docker, Mithril, React, and Git.

🎓 EDUCATION

Software Engineering Co-op (Bachelor of Engineering)

McMaster University

September 2018 – April 2023

- Admitted with the **Deans Excellence** Entrance Scholarship.

💡 MAJOR PROJECTS

GeoPro Web App [🔗](#)

- A full stack web app to connect users in online lobbies to compete in geography challenges.
- Used Mithril, TypeScript, CSS, and Mapbox maps to build intuitive and sleek front-end UI.
- Wrote a backend server using Express.js and Socket.io to connect users in rooms and host multiple games in parallel.
- Utilized Firebase to store user data and streamline signup and login processes.

Olympian Mobile App [🔗](#)

- A social media health and fitness application built with React Native enabling users to upload custom workout programs and follow programs posted by other users.
- Developed secure database fetching using GraphQL and Prisma.

Voyager View [🔗](#)

- A responsive and WCAG 2 accessible application displaying NASA's photo of the day with the ability to look at an archive of past photos with real-time liking and clean Sass styling.

StoryTime [🔗](#)

- A MERN Stack application for users to track and post their reading habits online to friends.
- Uses MongoDB to store and serve the user's posts and interactions and show user ratings.
- Uses React, CSS, HTML, and Node.js

🏆 ACHIEVEMENTS

Space Nearby (Winner of SpaceHacks 2020) [🔗](#)

October 2020

- An interactive web app built with HTML and the Google Maps API to display space-related landmarks in the user's nearby location.