

Matthew Dibble

3B business and computer science dual degree student
Email: mdibble@rogers.com / Portfolio: matthewdibble.com / GitHub: [mdibble](https://github.com/mdibble)

SKILLS

Languages TypeScript, JavaScript, C, C++, Rust, Java, Python, SQL, VBA, Google Apps Script
Web Node.js, React, Redux, Postgres, MySQL, Mongo, Express, Jenkins, Docker, REST APIs, Azure
Productivity Version control (Git), Agile development frameworks (Scrum, Kanban), GitHub, Bitbucket, Jira, Office

PROFESSIONAL EXPERIENCE

Software Developer

Kitchener, ON / **Winter 2021**

The Co-operators

- Lead designer and developer for several core frontend and backend services of an internal large-scale webapp
- Successfully brought said app from early-stage development to production in a time that exceeded expectations
- Maintained and revised production webapps and internal libraries (React, Node, Express, Postgres, Mongo)
- Worked various agile development frameworks (Scrum and Kanban) in conjunction with the Atlassian suite
- Collaborated with a large team, communicating effectively with leads, testers, analysts, and other developers

Systems Analyst

Innisfil, ON / **Summer 2020**

FreshSpoke

- Architected scalable and practical inventory management system from scratch, enabling high levels of automation
- Developed separate interim system for tracking inventory in Excel, writing scripts to improve user workflow
- Programmed frontend for a modular, filterable analytics dashboard used by investors, administration, and clients
- Provided quality assurance testing for a fleet of mobile apps, thoroughly documenting any unexpected behaviour

Logistics Coordinator

Barrie, ON / **Summer 2019**

FreshSpoke

- Managed user experience overhaul project for two mobile applications adhering to set requirements
- Completed a standardized set of procedures designed for new clients of the platform to get started easily
- Developed solutions to consolidate backend user payment processing and evaluated subsequent results
- Created, researched, and deployed a social media ad campaign tailored toward a specific demographic

PERSONAL PROJECTS / Non-exhaustive, view my [GitHub](https://github.com) for a comprehensive list

NES Emulator – [Source](#)

- Tech used: Rust, SDL2
- Cycle-accurate emulator of the *Nintendo Entertainment System* that takes advantage of Rust's unique properties
- Plays *Super Mario Bros.*, *The Legend of Zelda*, and much more. Check out the latest revision on my GitHub!

2020 US Presidential Election Poll Aggregator – [Source](#)

- Tech used: Node.js, React, MongoDB, Express
- Full stack web-app that compiles data from federal election polls and presents information on a per-state level
- Built REST API that enables users to add, delete, modify, and extract data from polls stored in a NoSQL database

EDUCATION

Wilfrid Laurier University – 11.24/12.00 GPA

Waterloo, ON / **Fall 2018 – Spring 2023**

- Candidate for Bachelor of Business Administration (BBA)
- Candidate for Bachelor of Science in Computer Science (BSc)

MORE INFORMATION

Accolades

- 2019 BDO New Venture Case Competition Semi-finalist (200+ entrants)
- 2018 Starbucks Consulting Case Competition Finalist (200+ entrants)