

# Aidan Mathew

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## EDUCATION

### McMaster University (B.Eng.Mgt)

Sept. 2020 – Apr. 2025

*Bachelor of Computer Engineering and Management*

*Hamilton, ON*

- **GPA: 3.7/4.0** | McMaster Honor Award (\$1000) | Dean's Honor List Recipient (2021, 2022)
- Teaching Assistant for 2 Engineering classes: ENGINEER 1P13 and ENGMGT 2AA3
- The Engineering and Management program produces business oriented engineers with an interest in leadership.

## SKILLS

**Programming:** Python • Swift • JavaScript(React.js, Node.js) • Java • C/C++ • SQL • HTML5/CSS3 • Matlab  
**Tools:** Git • Jira • ServiceNow • Databases (Realm, PgAdmin) • Confluence • Azure DevOps Pipeline • XCode

## EXPERIENCE

### Application Developer Co-op

May. 2023 – Aug. 2023

*CIBC*

*Toronto, ON*

- Created, closed, and managed **50+ change requests** in **ServiceNow**, documenting changes, conducting impact analysis, and developing implementation plans for streamlined change management.
- Collaborated with cross-functional team to review and submit change requests, **assigning tasks to respective groups**, ensuring effective communication and minimal disruptions to services.
- Presented new changes to the **Enterprise Change Management team**, demonstrating a deep understanding of the informed decision-making and approval processes regarding Fastlane change requests.
- Generated comprehensive and organized meeting minutes, ensuring accurate documentation of discussions, action items and decisions, thus facilitating effective communication among team members.

### Software Engineer Co-op

May. 2022 – Aug. 2022

*PointClickCare*

*Mississauga, ON*

- Contributed to the development of a cutting-edge iOS application, leveraging **Swift** to devise innovative solutions for user-reported issues, resulting in an enhanced user experience and **increased customer satisfaction**.
- Defined, automated, and executed unit tests (**XCTest**), to validate and verify the functionality of newly developed features, ensuring a high-quality and bug-free application.
- Orchestrated the seamless migration of the **database schema (Realm)** to accommodate new property additions and changes during app version upgrades, ensuring uninterrupted functionality and data integrity.
- Enhanced clinicians' ability to record patient data by implementing document questions into **25+ charting assessments**, streamlining data capture, and improving overall completeness.

### Software Developer Co-op

May. 2021 – Aug. 2021

*Geotab Inc.*

*Oakville, ON*

- Translated Figma designs into production-level code using **React.js**, enhancing overall user experience.
- Leveraged **Geotab APIs** and adhered to **REST principles** to seamlessly fetch and integrate data from new table, enabling the creation of dynamic web pages with real-time information and enhanced functionality.
- Developed UNIT tests using **JEST** and **react testing library**, improving codebase coverage by **2%**.
- Displayed quick learning to optimize workflow with **Gitlab** and **Jira**, following agile sprint methods (SCRUM).

## PROJECTS

### Personal Website | *Self-Taught*

Jul. 2022 – Aug. 2022

- Designed a website built on **React.js**, styled with **Material-UI** to display all personal projects and experiences.
- Applied multi-page functionality with **react-router-dom**, allowing for simple and efficient site navigation.

### The Covid Counter | *MacHacks* | *McMaster University*

Jan. 2021 – Feb. 2021

- Implemented a **linear regression model** to predict the number of new COVID-19 cases in Ontario, Canada.
- Employed **request libraries** to access CSV files, centralizing raw data with matplotlib to draw useful conclusions.