

Maaz Syed

(226)-988-5207 | msyed06@uoguelph.ca | [linkedin.com/in/Maaz](https://www.linkedin.com/in/Maaz) | github.com/Maaz

EDUCATION

University of Guelph

Guelph, ON

Bachelor of Computing, Software Engineering (Honours), GPA: 4.0/4.0

Sep. 2019 – Apr 2024

- Relevant Courses: Data Structures, Algorithms, Operating Systems, Discrete Mathematics, Linear Algebra, Software Design, Calculus, Object Oriented Programming, Cryptography, Mobile computing, Parallel computing

TECHNICAL SKILLS

Languages: C/C++, Python, Java, Javascript, MySQL, TypeScript, HTML5, CSS3, PHP, Perl

Frameworks: React, Node.js, PySparks, Flask, JUnit/Gradle, WordPress, Material-UI, Bootstrap, Materialize, JQuery

Developer Tools: Git, AWS, Docker, NGINX Firebase, Google Cloud Platform, VS Code, Visual Studio, IntelliJ

Libraries: pandas, NumPy, Matplotlib, JQuery

EXPERIENCE

Software Developer

Jan 2023 – Apr. 2023

PointClickCare

Mississauga, ON

- Working with Java and React/Redux with MaterialUI on the API team

Software Developer

May 2022 – Aug. 2022

Bank of Montreal

Toronto, ON

- Worked on a project that aims to improve local dev environments by adding a 1-to-1 connectivity with AWS Lambda for over **1,000+ files inbound/outbound** daily
- Created unit tests for local banking services on Lambda with Typescript improving **test case coverage by 38%** and ensuring functionality with version 4.7.4
- Bug fixed a local dev environment that processes bank files via AWS Lambda affecting a client with over **60,000+ employees**

Full-Stack Software Engineer

Sep. 2021 – Dec 2021

Manulife Financial

Waterloo, ON

- Developed features for the Python based ETL Migration app, **designed to migrate 100k+ customer claims** to AWS V3locity by Vitech
- Contributed to the data migration of **29k+ clients for Hudson's Bay and 2 million+ insured members** from an in-house system to a PAAS-based claims adjudication offering
- Contributed to the automation of a logger which simplified error messages of **100+ AzureSQL files**

Full-Stack Software Engineer

May 2021 – Aug. 2021

System1

Guelph, ON

- Maintained Nation.com on Wordpress, with **9.2 million+ active and 27 million+ total users**
- Developed a CRUD UI allowing users to inject preset HTML/JS into articles, and deployed to AWS EC2 **increasing monetization revenue and RPI lift by 3.5%**
- Contributed to the re-engineering and development of a unified code base of between Qool Media and Concourse to increase **production speed and scaling by 50% per project**

PROJECTS

Discord Movie Bot | JavaScript, Discord API

Aug. 2020 – Jan 2021

- Built a JavaScript movie bot allowing users to search through genres, ratings and specific movie details from a selection of over 500,000 movies
- Implemented Discord API and deployed via Heroku Cloud which was used by over 5,000 users across 3 servers

GPS File Parser | JavaScript, Express.js, HTML/CSS, C, XML, MySQL

Jan 2021 – May 2021

- Developed a full-stack CRUD application which parses GPS files through XML and displays various location properties
- Integrated a full C backend with Node.js through the ffi-napi library

Sorting Visualizer | JavaScript, React.js, HTML/CSS

Sep. 2020 – Jan 2021

- Created a full-stack React application for visualizing different sorting algorithms, allowing users to customize speed and size with pseudo-random generation to identify each algorithms pattern and efficiency