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ADAM LAWSON

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EMPLOYMENT

Software Apprentice	**Mitel**	**Sept. 2019 – Dec. 2019**

- Developed a WebRTC based real time VoIP communication application.
- Reworked an internal application into a client configurable external application.
- Created various applications with Angular and React, built with typescript.
- Implemented a custom react-toolchain for the development of web applications.

Junior Software Engineer	**Telepin**	**Jan. 2019 – Apr. 2019**

- Created user features and enhancements for a multi-platform financial application.
- Enhanced features of a Google Web Toolkit user management platform.
- Produced SQL queries use Java and Hibernate.
- Worked with relational databases and Oracle DBMS.

Quality Assurance Intern	**Advanced Software Concepts**	**May 2018 – Aug. 2018**

- Ensured the validity and integrity of regression test using JMeter.
- Created and shipped regression tests to clients.
- Automated regression testing through CRON.

EDUCATION

Ottawa, ON	**University of Ottawa**	**Fall 2017 - Present**

- BASc in Software Engineering, Specialization in business mgmt. & entrepreneurship.
- Undergraduate Coursework: Operating Systems; Databases; Algorithms; Programming Languages; Comp. Architecture; Software Testing; Software Design and Principles;

Awards and Achievements

- Dean's list recipient, 8.5+/10 GPA

TECHNICAL EXPERIENCE

Projects

- **Discord Server Bot** (2020). Discord bot created for a server with 100+ members using the Discord.py library. Supports a variety of commands ranging and interacts with users through text chat. Hosted on Google Cloud for high availability and 24/7 usage. Python; Google Cloud;
- **Command Line Utility Program** (2020). C# RESTApi created to allow quick and easy access to commonly used commands for Windows and Linux. Supports CRUD operations and uses Entity Framework Core for ORM. C#; Entity Framework Core; CRUD; SQL;
- **Intelligent Programmer Blog/Personal Website** (2020). Personal website and blog created using Jekyll, Markdown, and hosted on Github Pages. The blog explores various programming topics such as Algorithms and programming challenges.

LANGUAGES AND TECHNOLOGIES

- C#; Java, C#.NET Core; SQL; Entity Framework ORM, JSON
- Typescript/JavaScript; HTML; CSS; React;
- Stored procedures; Parameterized queries; Views; Roles; Complex Queries;
- Visual Studio, Microsoft SQL Server; MySQL;
- Maven; Git; Webpack; Jira; Confluence; Red Hat Linux;
- Agile; Scrum;

Important Links

- Github: https://github.com/adamlawson99
- Portfolio: https://adamlawson.dev/