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ADAM LAWSON

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EMPLOYMENT

Software Dev Engineer I Intern **Amazon Web Service (AWS)** **May 2021 – Sept. 2021**

- Created an internal tool to track database health status for 90 000+ databases worldwide.
- Added persistence, retrieval, and management of ~1 million records in DynamoDB
- Implemented real-time data aggregation for various metrics across multiple distributed systems
- Deployed AWS infrastructure and worked with AWS cloud services.

Software Apprentice (Intern) **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 (Intern) **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, improving functionality.
- Produced SQL queries using 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 containing 100s of automated tests.
- Automated regression testing through CRON.

EDUCATION

Ottawa, ON **University of Ottawa** **Anticipated Graduation: Dec.2021**

- BAsc in Software Engineering, Specialization in business mgmt. & entrepreneurship. **GPA:8.3/10**
- Undergraduate Coursework: Operating Systems; Databases; Algorithms; Comp. Architecture; Software Testing; Software Design and Principles;

Awards and Achievements

- Multiple 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;

LANGUAGES AND TECHNOLOGIES

- C#; Java, C#.NET Core; SQL; Entity Framework ORM, JSON
- AWS; DynamoDB
- 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;
- Spoken Languages : English (Native), French (Native)

Other Information

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