

## Education

April 2015 **Honours Bachelors of Science BSc**, University of Toronto, .  
Computer Science - Software Engineering Specialist

## Technical Skills

**Language** JavaScript, C#, Python, SQL, Java, HTML

**Software** Visual Studio 2015, SQLServer, TFS, Git

**OS** Windows, Linux

**Tools** OData4, AngularJs 1, Entity Framework 6, SSRS

## Experience

May 2015 – **Software Developer**, *Deighton Associates Limited*.

Current Worked closely with Lead Developer and Project Lead to design and develop our web application. Responsibilities in all levels of the web stack.

- Develop technical solutions that helped improve performance as our data scaled
- Assisted in the development of mapping artificial types allowing for easy modifications to data model
- Artificial entities modeled through Entity Frame work and served through a custom OData client
- Front-End done in AngularJs to create flexible and dynamic routing, styled with Angular Material for a better cross-platform UX

## Projects

**Shoe Finder** Python web crawler to search across multiple sites and aggregates the most important info together. Feeler project to get a taste of how web crawling for data worked.

**D&D Character Maker** Basic Python CLI Dungeons and Dragons character generator and tracker. Allows the user to control and oversee new or existing characters they have created such as updating stats such as current Hit Points, Ability Points, Learned Spells, Used and Prepared spells and more.

**Lyra** Development of an Android music application. Utilizing various sensors and metrics, the application suggests music from the user's library fit for the current environment

**SwingR** Golf Swing learning and analysis framework created at the UofT Hackathon. This program utilizes OpenCV and a Meu LED panel to track a user's golf swing. Users are given a score for each attempt.

**FyrApp** Assisted in the development of a Twitter extension leveraging Google API to place Twitter tweets on a map relative to the location of the user's tweet

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