

DANIEL LOVEGROVE

SUMMARY: Recent computer engineering graduate with professional full stack web development experience building secure public applications. Track record of creating personal tools using Python and PowerShell to increase work efficiency in specific workflows.

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PROFESSIONAL EXPERIENCE

BACKEND WEB DEVELOPER

CITY OF WINNIPEG

MAY 2018 - SEPT. 2018

- Added functionality to public water meter billing website using C# ASP.NET backend.
- Maintained automated email response web service to provide customers with a uniform experience.
- Created personal Powershell tools to halve the time required to edit text files in a SQL Database.
- Created and maintained SQL tables in MS SQL Server corresponding to changing requirements.

FRONTEND WEB DEVELOPER

CITY OF WINNIPEG

MAY 2017 - SEPT. 2017

- Created an Angular frontend for an internal city application in four months to successfully demonstrate the feasibility of using the framework for the city's public facing web apps.
- Wrote unit tests with Karma/Jasmine to verify application code.
- Discussed project progress daily with scrum team & project manager to ensure deadlines were met.

EDUCATION

UNIVERSITY OF MANITOBA

WINNIPEG, MB

SEPT. 2014 - MAY 2019

- **Degree:** B.Sc. in Computer Engineering (3.75 GPA, Graduated on Dean's Honour List)
- **Focus Area:** Software Engineering
- **General Course Work:** Web Programming, Networking Principles, Good Coding Practices.
- **Software Eng. Focus Work:** UX/UI Principles, Distributed Systems, Agile Principles, SQL Databases.

SOFTWARE PROJECTS

UM IRIS WEBSITE

CLASS: HUMAN COMPUTER INTERACTIONS

2018

- Focused on good UX practices to create a sample web app that created an enjoyable user experience.
- Used HTML5, CSS3, & JavaScript to build an application guided by input from user interviews, user surveys, brainstorming sessions, as well as paper prototypes.

ANDROID MEDIA PLAYER

CLASS: SOFTWARE ENGINEERING

2019

- Focused on Agile methodology, design patterns, unit/integration/system testing, and MVC ideas to build a robust music player for the Android platform that follows good code design practices.

TECHNICAL SKILLS

- **Web Technologies:** ASP.NET, Angular 2/4, React, TypeScript, JavaScript, HTML5, CSS3, jQuery
- **OO Languages:** Java, C#
- **Scripting Languages:** Python, PowerShell
- **Version Control:** GitHub, GitLab, Git command line
- **Database Systems:** Microsoft SQL Server, SQLite