

Daniel Hogan

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Education

September 2013-April 2018

- Bachelor of Engineering, Software, Coop
- Carleton University, Ottawa, Ontario
- CGPA: 9.11/12, B+

Relevant Skills & Accomplishments

Technical Skills

- Strong development experience with C# originating from development at Alberta Motor Association (AMA), Avanade and school studies.
- Experienced writing custom web applications using both Angular and ASP.NET or Spring.
- Coded, implemented and debugged numerous programs in Java, C, C# and Python over the course of 4 years of university education.
- Well experienced with multiple version control protocols such as Azure Devops, Git and CVS.
- Strong experience working in an Agile development work environment.
- Experienced with Azure as it was used to host development environments at AMA and Avanade. Additionally I have completed the AZ-900 Azure Fundamentals exam offered by Microsoft.
- Adept at writing simple and complex queries for relation databases in SQL.
- Strong unit testing experience with the use of testing tools such as JUnit and MSTest.
- Familiar with Android Mobile Development using Xamarin through the development of an app that manages child custody for parents. This was done for a fourth-year engineering project at Carleton University.
- Efficient in console scripting both in Powershell and BASH.

Professional Experience

FullStack Software Developer

Feb 2020-Present

Alberta Motor Association (AMA), Edmonton, Alberta

- Web development of new features and improvements of AMA's website. Developing with the latest version of Angular and ASP.NET Web API. Some of the website's features I worked on specifically are the main search page and the online appointment booking funnels.
- Writing SQL scripts to import data as well as develop schema changes for the database in order to support new website features.

- Collaborating with the development team in an Agile setting, taking advantage of technologies such as Microsoft DevOps and Git.

Analyst, Software Developer

June 2018- Feb 2020

Avanade, Ottawa, Ontario

- Developing a custom Dynamics 365 solution within an Agile work environment. Development included writing CRM plugins in C#, writing Javascript embedded in CRM Forms and creating custom web resources using Javascript libraries such as JQuery and Kendo UI.
- Aiding in the design and creation of the CICD process within the project in Azure Devops. Work included creating build and release definitions as well as assisting to define development process within multiple environments. Additional Powershell scripts were written to automate installation and configuration of the project development environment.

Coop Placements

Core OS Developer

May 2017-August 2017

Blackberry QNX, Kanata, Ontario

- Developing unit tests for the QNX Kernel in C in order to fulfill ISO 26262 safety compliance. Unit tests were additionally used a vehicle to gain comprehensive knowledge of the OS as well as through other developers, demos and documentation.
- Improving the unit test framework to support ARM and AARCH64 CPU architectures with knowledge of the GNU C compiler, Makefiles and Linux shell scripts.

Integration Developer

January 2016-December 2016

TravelClick, Ottawa, Ontario

- Developing, installing and maintaining remote integrations for TravelClick GMS. Development was done using Java 8 in Eclipse using Git for version control. Often required analyzing data and writing queries to extract it.
- Development of TravelClick Abandonment services which would require writing Javascript to track users through the online booking process of a hotel using JQuery.
- Working on general tasks often requiring isolating and fixing software bugs within TravelClicks GMS product.

Avionics Software Tester

May 2015-August 2015

Edgewater Computer Systems, Kanata, Ontario

- Writing C code to verify low level requirements for software developed by Edgewater Computer Systems. This testing was done so that the network card part of the CANIC project can become air-worthy by the D0-178B DAL C verification requirements.