**Daniel Hogan**

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**Relevant Skills & Accomplishments**

Technical Skills

* Strong development skills with C# due to the ongoing development at Avanade using technologies such as ASP.NET, Entity Framework and the CRM SDK.
* Experienced writing custom web applications using both Spring and ASP.NET accompanied with Javascript and HTML.
* Coded, implemented and debugged numerous programs in Java, C and Python over the course of 4 years of university education.
* Well experienced with multiple version control protocols such as TFS, GIT and CVS.
* Strong experience working in an Agile Development work environment.
* Experienced in using Azure to manage a development environment through projects at Avanade and completion of the AZ-900 Azure Fundamentals exam offered by Microsoft.
* Adept at writing complex and simple queries for relation databases with the use of SQL Server, MySQL and SQLite.
* Strong unit testing experience with the use of testing tools such as JUnit 4 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.
* Self-Taught experience with front end development using Angular 6.

**Education** September 2013-April 2018

Bachelor of Engineering, Software, Coop

Carleton University, Ottawa, Ontario

CGPA: 9.11/12, B+

**Work Experience**

Analyst, Software Developer June 2018-Present

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 writing 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 TFS. 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.

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 or searching through large scale log archives on specific servers using bash.

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.

**Applied Project**

Angular Developer

* Currently working to develop my Angular Skills through work on a small side project to create an online resume with the knowledge gained from an angular pluralsight course: <https://www.pluralsight.com/courses/angular-fundamentals>.
* The resume can be found here: [https://danhoganred.github.io/Angular-Resume/](https://danhoganred.github.io/Angular-Resume/#root)