MATTHEW HODGSON
Bachelor of Software Engineering

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GITHUB: https://github.com/Hrodgeir
WEBSITE: https://hrodgeir.github.io

TECHNICAL KNOWLEDGE

Proficient: JavaScript, Typescript, C#, VB.NET, Java, Python, SQL, HTML, CSS

Exposure: React, C++, Haskell, Go, Prolog, Node JS, Angular, ASP.NET

EDUCATION

BACHELOR OF SOFTWARE ENGINEERING
University of Victoria
SEPTEMBER 2013 - APRIL 2018

WORK EXPERIENCE

SOFTWARE DEVELOPER — *Victoria, BC*
Geocortex – Professional Services
APRIL 2018 – PRESENT

- Developed more than 20 custom web mapping applications for clients that involved requirements analysis, design, iterative development, product demonstrations, documentation, and software delivery.
- Lead 4 projects as the technical lead to ensure successful, in-budget deliveries.
- Delivered 4 client-specific cross-platform mobile mapping applications for Windows, Android, and iOS using the Xamarin framework and ArcGIS .NET Runtime.
- Created more than 50 detailed quotes for clients based on technical knowledge and experience, each having an average of 95% success rate for staying within budget.

APPLICATION DEVELOPER CO-OP — *Victoria, BC*
ISM Canada - Technology Engineering Services
MAY 2016 – AUGUST 2016 (4 Months) & JANUARY 2017 - APRIL 2017 (4 Months)

- Developed Windows Presentation Foundation applications for ISM Canada's IT Support staff that involved XAML, VB.NET, SQL, and C# in an AGILE development environment.
- Overhauled an existing application to have an intuitive user interface, more functionality, and an enhanced code structure improving work efficiency of users by 150%.
- Developed applications involving software automation and testing frameworks.
- Created various test plans and user guides for multiple applications.
- Provided insight on design patterns and implementation of features.
- Gathered complex requirements from users and converted such requirements into individual tasks.

WEB APPLICATION DEVELOPER CO-OP — *Victoria, BC*
University of Victoria - Department of Continuing Studies
JANUARY 2015 - AUGUST 2015 (8 Months)

- Developed ASP.NET web applications for UVIC's Division of Continuing Studies student registration system that involved HTML, CSS, Angular, Razor MVC, and C# in an AGILE development environment.
- Developed a strong understanding of how a realistic software lifecycle works and how to communicate effectively with team members on a large variety of programming tasks.
- Provided input and ideas to help towards the development of the web applications.