



# Josh Robertson


Software Developer

A full stack developer with a passion for disruptive technology, ultra clean UIs, and humanized content.


I'm looking to work with a team that inspires me, values collaboration, and never stops learning or pushing the boundaries.


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## WORK EXPERIENCE

### Application Architect - Major Transformation Projects

Transport Canada

01/2017 – Present

- Responsible for technical solution research, recommendations, proofs of concept, and options analysis on proposed technologies.
- Implementing message-oriented middleware as part of the first Integration Platform ever utilized within the company.
- Collaborating on transformative projects designed to update Transport Canada's enterprise architecture to a Service-Oriented Architecture (SOA).
- Providing technical oversight and coordination for the Digital Services Delivery Platform, a brand new ground-up platform that offers an external facing web portal and mobile capabilities for employees in the field.

### Programmer - Security Applications

Transport Canada

09/2014 – 12/2016

- Designed, built, and deployed an MVC.NET web app used in a 24/7/365 critical Operations Center to record and process security events in real time.
- Redeveloped a legacy VB.NET desktop application as an MVC web app in C#, allowing integration with other TC systems.
- Built XML parsers to provide dynamic and extensible reporting functionality for the data-layer of existing desktop applications.
- Responsible for conceptual data-modeling, database design, and ongoing maintenance of corresponding entities.
- Supported existing security applications in both VB.NET and C#, providing patches for bug fixes, implementing new features, and optimizing existing code and database queries.

## EDUCATION

### Computer Engineering Technology - Computing Science

Algonquin College

09/2013 – 12/2016

GPA: 3.86 (Dean's List)

### Honours Bachelor of Social Sciences in Conflict Studies and Human Rights

University of Ottawa

09/2010 – 04/2012

### Honours Bachelor of Arts (Double Major) in History and English Literature

University of Ottawa

09/2004 – 12/2008

## TECHNICAL SKILLS

C#



SQL



C/C++



HTML/CSS



VB.NET



Java



JavaScript



Ruby on Rails



## INTERESTS

Virtual Studio Technology

Audio Engineering

Tech For Good

Running

Graphic Novels