

# Patrick Demian

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Canada

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<https://github.com/pdemian>

## Skills & Abilities:

- Proficient in C/C++ C#, Java, JavaScript, PHP, SQL, Shell, x86 assembly
- Experienced in using Visual Studio, Unity3D, Git, SVN, and Team Foundation
- Experienced in cross-platform mobile app development for Android and iOS
- Full stack web development with backend specialty
- Familiar with agile development and adapting with rapidly changing project requirements
- Ability to debug quickly and optimize code for production use

## Education:

- Ryerson University 2013-Present
- Undergraduate in Computer Science
- Expected to receive Bachelor of Science (Honours) in June 2018

## Work Experience:

- Environment and Climate Change Canada 2016-2017  
Co-op Software Developer
  - Maintained and updated the most trafficked Government of Canada website
  - Worked as a full stack web developer using PHP, Perl, and JavaScript
  - Implemented several highly prominent features that will be used by millions of Canadians
  - Fixed many non-trivial long lived bugs, organized a large established codebase, and implemented modern security features
- Rogue Specialty Transport 2015  
Co-op Junior Software Developer
  - Headed the design and development of internal tools using C# and Microsoft Transact-SQL
  - Managed and bug tested established code bases
  - Worked on future big data expansion with Hadoop under a Linux environment
  - Worked with the data analytics department to collect, aggregate, and display up to date logistical information succinctly
- First-Year and Common Engineering Office, Ryerson University 2014  
*Software Developer*
  - Headed the design and development of a cross platform mobile application for students utilizing C# and SQL
  - Created and managed a backend RESTful API
  - Maintained quality while managing ever changing specifications and unexpected delays
  - Self taught mobile app development on the job with no interference to the tight project schedule
  - Optimized code and threading of the UI for a better user experience upon completion