

# Rahin Jegarajaratnam

2B Computer Engineering

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📄 [github.com/rjegaraj](https://github.com/rjegaraj)

## Technical Skills

Programming C#, C++, Java, Ruby, Python, PHP

Mobile BlackBerry 10, Android

Web HTML, CSS

Frameworks Qt, Cascades

## Education

2011–2016 **Bachelors of Applied Science, Computer Engineering**, *University of Waterloo*

2007–2011 **International Baccalaureate Diploma**, *Parkdale Collegiate Institute*

## Experience

Jan 2013 – **Agile Engineer**, *Xtreme Labs Inc*

- Apr 2013
  - Developed applications for the iPhone, BlackBerry 10, and Android smartphones
  - Primarily focused on code optimization. Examples include reducing page rendering time by 20% and optimizing memory usage

May 2012 – **Software Developer**, *BlueSun Inc*

- Aug 2012
  - Developed automated test scripts using C# to extensively test client applications
  - Designed and implemented an internal SLA reporting portal using SQL queries and SSRS
  - Wrote documentation outlining edge cases in testing

## Projects

### University of Waterloo Robotics Team Mini-Sumo Competition

- Place 4th place in University-wide competition
- Helped design and construct a mini sumo robot which understood its surroundings using sensors
- Programmed an Arduino Uno and had five sets of strategies prepared to account for different competitors

### Tunez

- Created a media player using C++ and the Qt framework which currently supports most audio file formats
- In the process of adding video support

### ConvertMe!

- Published a conversion tool application through the Windows 8 Marketplace
- Future updates will implement more unique features such as WolframAlpha Webviews