

# robertgawdzik

software developer

## contact

robert.gawdzik  
@uwaterloo.ca

(226) 606-4314

gawdzik.net

github.com/rgawdzik

## languages

C++  
C#.NET  
Java  
PHP  
JavaScript/Web  
Haskell  
Lisp  
Objective-C

## databases

MySQL  
NoSQL  
MSSQL

## tools

IntelliJ  
Eclipse  
Visual Studio

## web

REST  
Socket-IO  
node.js  
MEAN.io

## 3D

OpenGL  
Vector Mathematics  
XNA 2D & 3D

## UNIX

Bash  
XMonad  
Vim  
sysadmin

## introduction

I am a Computer Science student studying at the University of Waterloo. I have a passion for software development, emerging technologies, and theoretical computer science.

## experience

06-08, 2013 **Desire2Learn, Downtown Toronto**

Software Developer

Developed software for the next generation of e-learning.

- Worked on improving the existing Learning Repository REST APIs.
- Improved Desire2Learn extensibility by developing integration points using the APIs.
- Used SVN tools, agile methodology, and code reviews to complete tasks effectively.

01-06, 2013 **Microsoft Canada, Toronto**

Microsoft Student Partner

Microsoft student event coordinator and representative. Involved hosting and going to developer events all over Toronto promoting and developing for the Microsoft ecosystem.

2011-2013 **Byte Code Canada, Toronto**

Indie Developer

Published apps and games for different emerging platforms independently, sponsored by Intel, Nokia, and Microsoft.

## major personal projects

2011-2012 **Soar**

[www.github.com/rgawdzik/Soar](http://www.github.com/rgawdzik/Soar)

My interests in graphics and game engines pursued me to create games: Soar 2D and Soar 3D (open source).

- Both featured awesome massive space ship battles with many missions.
- Gathered 100,000 page views from reddit.

2012

**Sim Trader**

Due to my fascination for stock markets, I developed a virtual stock market in under a week for an app-a-thon.

- Social features such as a chat, leaderboards, and achievements.
- Earned 30,000+ downloads, and was one of the first Windows 8 apps.

## education

2013-2018 **Computer Science, Co-op, University of Waterloo**

Candidate for Bachelor of Computer Science, Software Engineering Option

2009-2013 **High School, Michael Power Saint Joseph**

## awards

2013 Ontario Skills Canada Virtual Robotics Provincial 1st Place Winner

2012 Stack Overflow International App Contest – 1st Place (Work Category)

2012 Intel International AppUp Round 1 Winner

2012 Microsoft International App-a-thon Category Winner (Finance Category)

2013 MPSJ Top Computer Science Student