

robertgawdzik

software developer

contact

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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
My interests in graphics and game engines pursued me to create 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.
 - One of the first Windows 8 apps, earning 30,000+ downloads.

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