

# FAISAL ALQADI

## 4B Computer Engineering

- Proficiency**
- Programming: Android Dev, Ruby-on-Rails, Test Driven Development, Python, C#, C, C++, Php, JavaScript, Java, VHDL and HTML
  - Database: Experience with PostGres, Oracle, SQL Server
  - Developed leadership and communication by leading high school robotics team
  - Quick learner, capable of adapting to new technologies

**Work History** **Programmer @ Intersoft POS, Dubai, UAE**

*September 2013 - December 2013*

- Worked in a 3-person team to design and build an application web server in Ruby-on-Rails
- Developed an Android app to communicate with the web server
- Utilized TDD throughout the project lifetime

**Junior Software Developer @ PTC Inc, Waterloo, ON**

*September 2012 - December 2012*

- Researched automatic code generation for use in the performance framework.
- Researched dynamic graphing tools for use in the graphing framework.
- Developed proof-of-concept prototypes for XSD and Dygraphs.

**Junior Software Developer @ MKS Inc, Waterloo, ON**

*May 2011 - August 2011*

- Developed an automated graphing and results framework using Python/HTML.
- Framework parses, compares & graphs test results produced by QA tests.

**Simulator Developer @ Nav Canada, Ottawa, ON**

*September 2010 - December 2010*

- Maintained, developed MaintWeb using Php, Javascript, HTML, & SQL.
- Developed several simulators using Delphi.

**Education** **Computer Engineering, Co-op Program**

University of Waterloo

Waterloo, ON, Canada

September 2009 - April 2014

*Relevant Courses:* Computer Security, Cooperative and Adaptive Algorithms

- Activities and Interests**
- Video games: DotA 2, Demon's Souls, Dark Souls
  - Soccer, astronomy, reading, camping, skiing, outdoor activities, rock climbing, bass guitar
  - Bodyweight fitness, meditation
  - Traveling: Exchange term in England; traveled across West Europe over the course of a month.
  - Robotics & AI