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

1. **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