

Matthew Roach

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PROFILE

Two years of experience working in collaborative software design project groups requiring individual and team-based work. Creative and able to provide technically viable solutions to problems. Able to effectively break down and communicate complex software problems, and clarify technical issues.

EDUCATION

Bachelor of Computing

2013 – 2017

Queen's University, Kingston, ON

SKILLS

Java

C/C++

Windows & Linux

SQL

HTML

Python

PHP

JavaScript

ETL

CSS

RELATED EXPERIENCE

Research Assistant, Summer 2016

Queen's University

- Worked in a team of three to bring NASA's Tensegrity Robotics Toolkit to a customer and make tensegrity simulation software more readily available

Co-Founder, Summer 2016

Warble Studios

- Built websites for small businesses
- Held meetings with clients to discuss progress and future development requirements

Junior Data Developer, Summer 2015

Ticoon Technology Inc.

- Learned Pentaho's Data Integration ETL tool and Oracle SQL Developer to load client data to the QA environment

Team Leader, Course Project, Fall 2015

CISC 340 – Digital Systems

- Lead a team of 7 to build and implement a motion detection alarm system using the Spark Core Wi-Fi development board
- Created an environment oriented to open communication and creative thinking, and delegated work based on experience and interest
- Received a mark of A+ (Individual) and A (Group)

EXTRA-CURRICULAR

- Queen's University Varsity Cross Country Team
- Member of Newmarket Huskies Track Club since 2008
- Completed LIT and CIT leadership courses with the town of Aurora