

Ricky Kwan

Email: rickyk.162+portfolio@gmail.com

GitHub: <https://github.com/Rickkwa>

SKILLS

Technical

- Programming languages: Python, Java, PHP, HTML, CSS, JavaScript, C
- Experienced with MySQL, jQuery, Ajax
- Frameworks: Laravel, Backbone, Bootstrap
- Version control: Git
- Operating Systems: Windows XP/Vista/7/8, Linux (Ubuntu)
- Testing Frameworks: nose, PyUnit, JUnit
- Other applications: Wing IDE, Ready to Program Java, FileZilla, XAMPP, Aptana

Interpersonal

- Possess high attention to detail along with skills in analysis and problem solving
- Developed communication skills through school, project meetings, and daily scrums
- Comfortable working in a team as demonstrated through working at the Ministry of Government Services, and the University of Toronto Scarborough
- Have skills in organization, time management and planning as developed through work experience

EDUCATION

University of Toronto Scarborough

September 2011 – June 2016

Honours Bachelor of Science with High Distinction

- Computer Science Specialist Co-op Program – Software Engineering Stream
- 3.59 / 4.00 Cumulative GPA

WORK EXPERIENCE

University of Toronto Scarborough

January 2015 – April 2015

Web Developer

- Successfully developed two web applications using Laravel 4 PHP framework for the server side, and Bootstrap 3 framework for the client side
- Improved performance of an existing web application by modifying MySQL queries, reducing the thousands of queries it made into less than one hundred queries
- Displayed strong multitasking skills while managing multiple projects concurrently and keeping a high quality of work
- Developed communication skills through participation in weekly status meetings
- Showed attention to detail by keeping consistent coding style while working in a team environment

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Rouge Valley Health System

May 2013 – August 2013

Web Programmer

- Commended for being a quick learner, having strong problem solving skills, and being independent
- Developed a web application to manage physicians' annual medical re-appointment applications
- Produced an administrator panel to view in-progress or past applications, along with the ability to approve applications over multiple levels of management
- Improved communication and leadership skills by closely working with clients and leading weekly meetings
- Demonstrated planning skills by creating flowcharts and UML diagrams depicting the web application before starting development

Ministry of Government Services

September 2012 – December 2012

Web Modernization Specialist

- Recognized for being a quick learner, having strong technical skills, and being a solid team player
- Worked diligently with developer to create a new search engine for OPSpedia (government's social media intranet) by implementing the front end of the search engine and ensured it was user friendly by having it tested by various clients
- Successfully created a Wordpress plugin and a Mediawiki Extension that allowed for real time indexing whenever a user creates, modifies, or deletes a post/wiki page
- Meticulously created an organized wiki page containing information regarding upgrading a core Wordpress plugin
- Took the initiative to address additional tasks after completing the weekly tickets assigned during sprint meetings
- Further developed communication skills through articulating ideas and the status of projects on a daily basis for the standup scrum meetings

AWARDS / ACHIEVEMENTS

Participated in various programming contests and developed problem solving skills

- Dean's List 2015
- DWITE Online Programming Contest
- ECOO Computer Science Programming Contest – made it to the second round
- Canadian Computing Competition 2011

Certificate of Accomplishment with Highest Distinction from Udacity, 2012

- For completing an online university level programming course, CS101

INTERESTS / ACTIVITIES

- Answering programming questions on online communities
- Solve problems of a mathematical nature using programming skills on projecteuler.net