

JONATHAN TUNG

520-18 WILLIAM CARSON CRES, TORONTO, ON M2P 2G6 | 647-234-0083 | TUNGJ@MY.YORKU.CA

QUALIFICATIONS

HIGHLIGHTS

- Created tools to allow clients to visualize and extract useful insights from their data analytics at Precima, a leading organization that provides tailored, data-driven customer analytics solutions.
- Demonstrated problem-solving and interpersonal skills through providing technical support to an office of 200 employees at Teambuy.ca, an e-commerce company.
- Completed Master of Science (thesis on molecular plant pathology) demonstrating strong written and verbal communication skills in order to successfully complete and present to the thesis defence panel. The thesis also involved time management and task prioritization skills to complete the extensive laboratory work.

TECHNICAL SKILLS

- Programming languages: Familiar with Java, C, Ruby, Python, and SQL. Beginner level knowledge of R, Javascript, HTML and CSS.
- BI visualization tools: Familiar with Qlikview.
- Frameworks: Familiar with MVC frameworks such as Ruby on Rails.
- Software, development tools and IDEs: Familiar with Git, Github, MS Office, Jira, Confluence, Eclipse and Canopy IDEs.
- Operating systems: Advanced knowledge of Windows 7, 10. Familiar with Windows Server 2008, and Linux

WORK EXPERIENCE

Precima, Business Intelligence Developer (8 month co-op term)

May - December 2015

- Created dashboard tools for business-oriented clients to visually explore big data analytics using Qlikview.
- Designed and optimized database table structure to improve performance of Qlikview dashboard tools.
- Maintained and contributed to a team knowledge-base wiki using the Confluence tool.
- Worked within a small team operating under agile methodology. Took part in daily stand up meetings and bi-weekly sprint meetings.
- Collaborated and communicated with an offsite data center in the U.S. to ensure smooth loading and updating of data in Qlikview tools.

Teambuy.ca, Junior Desktop Support Specialist

February - July 2013

- Provided technical support for an office of 200 employees in multiple departments, with an emphasis on assigning priority to situations as they were reported.
- Set and configured hardware desktops and laptops for new and existing staff within specific deadlines.
- Managed employee access to resources on the office network, through setting up user access to shared network drives and creating user accounts through Windows active directory.

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EDUCATION

Honours Bachelor of Science – Computer Science

2014-Graduating June 2018

York University

Master of Science – Thesis on Molecular Plant Pathology

2008-2011

University of Guelph

Honours Bachelor of Science – Major in Biology

2003-2008

University of Toronto

Academic Awards

- Completed Honours Bachelor of Science degree with high distinction 2008
- University of Toronto Faculty of Arts and Science Dean's list scholar 2005, 2008
- York University Continuing Student Scholarship 2015, 2016

PUBLICATIONS

Tung, J., Goodwin, P.H. and Hsiang, T. (2012) Chlorophyll fluorescence for quantification of fungal foliar infection and assessment of the effectiveness of an induced systemic resistance activator. *European Journal of Plant Pathology* 136: 301-315

Hsiang, T., Goodwin, P.H., Cortes-Barco, A.M., Nash, B.T. and Tung, J. Activating disease resistance in turfgrasses against fungal pathogens: Civitas and Harmonizer. In R. Imai et al. (eds.), *Plant and Microbe Adaptations to Cold in a Changing World* (pp. 331-341). Springer Science + Business Media, New York 2013