# Vanessa MacIsaac

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## Education

**University of Ottawa**

Honours Computer Science, Bioinformatics Option - *Expected graduation April 2015*

## Work Experience

MCR Lab, University of Ottawa                                May 2013 - August 2014
**Android Application Software Developer**
- implemented android applications as a proof of concept for graduate students' research
- created a song recommending app prototype using an adaption of the Katz measure
- developed native apps using Java, XML and SQLite

Emergency Parts Logistics                                December 2014 - Present
**Web Developer**
- currently redesigning the company website using HTML5, CSS and JavaScript

## Publications

Majdi Rawashdeh, Mohammed F. Alhamid, Heung-Nam Kim, Awny Alnusair, Vanessa MacIsaac, Abdulmotaleb El Saddik, "Graph-based personalized recommendation in social tagging systems", ICMEW, 2014, 2014 IEEE International Conference on Multimedia and Expo Workshops (ICMEW), 2014 IEEE International Conference on Multimedia and Expo Workshops (ICMEW) 2014, pp. 1-6, doi:10.1109/ICMEW.2014.6890593

## Volunteer

**President of the Computer Science Student Association (Jan. 2014 - Present)**
- schedule and chair meetings for all association executive members
- organize and run social and academic themed events for students

**President of the uOttawa Women in Science and Engineering Club (Dec. 2013 - Present)**
- coordinate social events and mentoring opportunities for female students

**Faculty of Engineering Student Ambassador (Oct. 2013 - Present)**
- represent the faculty at events including open houses and the Ontario University Fair

**Mentor & Speaker, RailsGirls uOttawa (Jan. 2015)**
- taught an introductory Ruby session to young women
- presented a talk on the importance of Women in Technology

**VP External of the Computer Science Student Association (Oct. 2012 - Mar. 2014)**
- represent students to administration and communicate with external organizations

## References - Available upon request