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Jessica Perrie

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EDUCATION

Sept 2013 – Nov 2015; University of Toronto, Toronto ON

Master of Science-Computer Science

- A 17-month funded program involving a research assistantship, teaching assistantship, completion of four computer science courses and master's thesis
- Designed and implemented an information visualization to present collaboration and productivity over time that should allow managers review teamwork and contributions of members in a collaborative environment.

Sept 2009 – Oct 2013; Dalhousie University, Halifax NS

Bachelor of Science, Combined Honours, Major in Computer Science and Mathematics, Co-op Program (First Class Honours)

- Completed 2 four-month NSERC USRA funded terms in August 2013, 8 academic terms in April 2013, and 3 four-month co-op work terms in December 2012
- Implemented an information visualization approach to show and filter popular blog posts over time and assist analysts in finding interesting posts

EMPLOYMENT HISTORY

May 2014 – Sept 2014; Sciencescape, Toronto, ON

Student Intern

- Implemented improvements to a co-citation network from sample dataset (232,546+ journal articles) to generated similarity based off research on anchor proximity
- Extracted anchors, mapped citation references to DOIs, and used MapReduce—leveraging large amounts of data—to generate useful recommendations on journal articles

Sept 2013 – April 2014; Sept 2014 – Dec 2014; University of Toronto, Toronto, ON

Teaching Assistant

- Served as teaching assistant for second-year students for CSC207 Software Design or CSC209 Software Tools and Systems Programming who found me “quite responsible” and “very interested [in teaching]”
- Monitored and assisted students to help them work through programming prepared labs designed to give practical experience of class concepts
- Marked tests and exams while maintaining consistent form with other teaching assistants—ensuring that students' marks were fair and correct
- Lead students through basic Linux commands, which enabled them to complete assignments and understand class material

Sept 2012 – Dec 2012, May 2013 – August 2013; Dalhousie University, Halifax, NS

NSERC Undergraduate Student Research Award Position

- Reviewed and presented research papers on visualization to graduate students and professors to gain an understanding of concepts and transfer information
- Investigated research topics and organized results into a paper that was accepted by the Conference on Intelligent Text Processing and Computational Linguistics (see publications)

January 2012 – April 2012; Atlantic Canada Opportunities Agency (ACOA), Moncton, NB

Programmer Analyst

- Studied the Web Content Accessibility Guidelines and applied acquired knowledge to then correct and review static and dynamic webpages
- Trouble-shooter for system problems, and documented related actions to ensure followup

PROFESSIONAL QUALIFICATIONS

Technical

Languages	Java, C, XHTML, CSS, MySQL, PHP, PERL, d3
Microsoft Office	Word, Excel, PowerPoint, Access
Operating Systems	Windows 95/XP/Vista/7, Linux

Non-technical

- Able communicator – excellent listening, presentation and report-writing skills gained through experience as a student of computer science and as a research assistant
- Responsible – through acceptance, enthusiasm and desire to do whatever is possible to complete a task, either acting solely, or in team assignments, and classroom projects
- Open-minded – to possibilities, hypotheses and tests which should be considered and reviewed before being accepted or rejected, whether acting solely or in group participation
- Team player – works to improve group performance to meet objectives; assists other team members finish their tasks, checking their work to give feedback
- Flexible – reshapes goals through having a flexible expectation of future events

Languages

Fluent in English

AWARDS

Sept - Aug 2015	NSERC CGS-M Award, University of Toronto	\$17,500
May 2014	First Place, Poster Session, CSER	-
Oct 2013	Mobil Oil Canada Award, Dalhousie University	-
2011 - 2012	Sexton Scholar Awards, Dalhousie University	\$800
2010 - 2012	In-Course Scholarships, Dalhousie University	\$4000
Nov 2011	CS Bronze Award for 2nd Year, Dalhousie University	\$1500
Sept 2011	Walter Gardner Stanfield Entrance Scholarship	\$1000
Aug 2010	RCM Grade 10 Examination in Piano (First Class Honours)	-
Sept 2009	Entrance Scholarship, Dalhousie University	\$3000

PUBLICATIONS

Perrie, J., Islam, A., and Milios, E.: *How Document Properties Affect Document Relatedness Measures*. Intelligent Text Processing and Computational Linguistics, p. 392-403, 2014.

Perrie, J., Islam, A., Milios, E., and Keselj, V.: *Using Google N-grams to Expand Word-Emotion Association Lexicon*. Intelligent Text Processing and Computational Linguistics, p.137-148, 2013.

VOLUNTEER EXPERIENCE & EXTRACURRICULAR ACTIVITIES

September 2014 – April 2015

Communications Officer – The Knox College Association (KCA) (student council)

- Communicated KCA events and resident guidelines to residents using social media, posters, Google forms, documentation to ensure all residents had access to important information
- Recorded meeting discussion and organized it on a topic-based report to allow understanding of meeting without needing to be there.

December 2013, December 2014, University of Toronto, Toronto ON

Contributor – The Spectatorial (student journal)

- Submitted a 5-page comic about future forms of manipulation and memory (accepted).