Kimberly Dextras-Romagnino

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EDUCATION

University of British-Columbia, Vancouver, BC 2015-Present
Master of Science, Computer Science

Concordia University, Montreal, QC 2011-2015
Bachelor of Science, Joint Major Mathematics and Computer Science
Minor in Business Studies
Graduated with High Distinction

WORK EXPERIENCE

Data Analysis & Visualization Intern Mobify
October 2016-February 2017 Vancouver
Developed a Python-based tool to automatically generate customer facing Powerpoint presentations. By simply inputting an Excel workbook, a complete Powerpoint presentation is created with customized charts, annotations, and slide titles that represent the underlying input data.

Research Assistant University of British-Columbia
May 2016-Present Vancouver
Working under the supervision of Tamara Munzner doing research in the field of Information Visualization, I designed, implemented, and evaluated a web application for clickstream data analysis. The tool helps deal with the complexity in web clickstream data by allowing users to easily filter and transform data into segments of interest that lead to actionable insights as well as more effective downstream analysis.

NSERC USRA Research Assistant Concordia University
Summer 2013 Montreal
Working under the supervision of Nikolaos Tsantalis, I developed visualizations for different code smell refactoring suggestions displayed in the JDeodorant refactoring tool to help developers understand which refactoring suggestions they should apply.

Teaching Assistant Concordia University/UBC
September 2012-September 2016 Montreal/Vancouver
Responsible for answering students questions and correcting final examinations for an *Introduction to Linear Algebra* (2012-2015) course at Concordia University as an undergraduate student. Responsible for leading labs and demos, answering students questions and correcting assignments and final examinations for a *Software Construction* (2015-2016) course at the University of British-Columbia.

NOTABLE COURSEWORK

VisuaLaws: Visualizing Laws Over Time: Developed a web application to help understand how laws in British-Columbia have evolved over time.

PredictingPRNGs: For a graduate level machine learning course, I evaluated the effectiveness of different machine learning models at predicting the next number in sequences generated by commonly used pseudo random number generators.

COMPUTER SKILLS

Languages: Python, Java, MatLab, Mathematica, Arduino, Processing, LaTeX.
Web Development: JavaScript, D3.js, HTML, CSS

AWARDS

- **Best Poster Award**, Consortium for Software Engineering Research (CSER) Conference 2013. For work on the Code Smell Visualization Project.
- **President's Academic Award**, Concordia University 2013. Award to female athlete with the highest GPA.
- **Arts and Science Scholar**, 2013. Awarded to students who have a GPA in the top 1% of their department.
- **Academic All-Canadian**, 2012-2013, 2013-2014. Awarded to exceptional student-athletes who achieve an academic standing of 80% or better while playing on a varsity team.
- **Alex Lawrie Memorial Scholarship**, 2013. Awarded to an exceptional full-time student athlete.
- **Concordia Entrance Scholarship**, 2011. Awarded to a top ranked student entering into a Bachelor degree program.

SKILLS AND INTERESTS

- Bilingual (English, French)
- International Study Experience: Semester on exchange in Groningen, Netherlands
- International Travel Experience: traveled across Canada, UxSA, Thailand and Europe
- Sports: Concordia University Varsity Womens Soccer Team (2011-2015), Quebec Regional soccer team (2006-2012)
- Completed more than 200 hours of volunteering as shadow responsibel for integrating disabled children into the every day activities of a summer camp