

# KIMBERLY DEXTRAS-ROMAGNINO

k.dextras.romagnino@gmail.com ◊ www.cs.ubc.ca/~kdextras ◊ 514-792-6679

## EDUCATION

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- University of British Columbia**, Vancouver, BC *September 2015 - Present*  
*Master of Science*, Computer Science
- Concordia University**, Montreal, QC *September 2011- May 2015*  
*Bachelor of Science*, Joint Major Mathematics and Computer Science  
Minor in Business; Graduated with High Distinction

## DATA ANALYTICS SKILLS

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- Programming Languages** Python, Java, JavaScript, D3.js, SQL  
**Software & Tools** HTML, CSS, LaTeX, Excel, Mathematica, MatLab, Processing

## EXPERIENCE

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- Graduate Research Assistant** May 2016 - Present  
*University of British Columbia*
- Designed, implemented, and evaluated a web application for clickstream data analysis for research in the field of Information Visualization under the supervision of Tamara Munzner. The tool helps deal with the complexity of 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.
- Data Analysis & Visualization Intern** October 2016 - February 2017  
*Mobify*
- Developed a Python-based tool to automatically generate customer facing Powerpoint presentations with customized data-driven charts, annotations, and slide titles by simply inputting an Excel workbook.
- Undergraduate Research Assistant** May - August 2013  
*NSERC USRA, Concordia University*
- Developed visualizations for code smell refactoring suggestions in the JDeodorant Eclipse plug-in to help developers understand which they should apply under the supervision of Nikolaos Tsantalos.
- Teaching Assistant** September 2012 - September 2016  
*Concordia University, University of British Columbia*
- Courses: Fundamental Mathematics (2012 - 2015), Software Construction (2015 - 2016)

## NOTABLE COURSEWORK

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

**PredictingPRNGs:** Evaluated the effectiveness of different machine learning models at predicting the next number in sequences generated by commonly used pseudo random number generators.

## ACHIEVEMENTS, SKILLS, INTERESTS

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- Best Poster Award for Consortium for Software Engineering Research (CSER) *2013*
- Arts and Science Scholar: Top 1% GPA in department *2013*
- Academic All-Canadian: Varsity athlete with academic standing of 80% of higher *2012 - 2015*
- Concordia Entrance Scholarship: Top ranked student entering Bachelor program *2011*
- Concordia University Varsity Women's Soccer Team *2011 - 2015*
- International Study Experience: Semester in Groningen, Netherlands *2014*
- 200 hours of Volunteering as shadow for disabled children
- Bilingual: English, French