

# Kimberly Dextras-Romagnino

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## EDUCATION

### UNIVERSITY OF BRITISH COLUMBIA

#### MSC IN COMPUTER SCIENCE

May 2018 | Vancouver, BC  
Information Visualization Research  
Supervisor: Tamara Munzner

### CONCORDIA UNIVERSITY

#### JOINT MAJOR MATHEMATICS AND COMPUTER SCIENCE

May 2015 | Montreal, QC  
Minor in Business Studies  
GPA: 4.13 / 4.3

## COURSEWORK

### GRADUATE COURSES

Machine Learning  
Advanced Machine Learning  
Information Visualization  
Human Computer Interaction  
Computer Vision  
Physical User Interfaces

### OTHER COURSES

Mathematics for Machine Learning

## SKILLS

### PROGRAMMING

Python • pandas • SQL • Java •  
Javascript (D3.js) • Matlab •  
HTML • CSS •  $\text{\LaTeX}$

### SOFTWARE

Tableau • Google Dataflow • Google  
Pub/Sub • Airflow • Excel

## EXTRAS

Concordia University Varsity Women's  
Soccer Team  
International Study Experience: Semester  
in Groningen, Netherlands  
Bilingual: English, French  
200 hours of Volunteering as shadow for  
disabled children

## LINKS

LinkedIn: [//kdextras](#)  
Github: [//kdextras](#)  
Website: [kdextras.github.io](#)

## EXPERIENCE

### KABAM | DATA SCIENTIST

July 2019 - Present | Vancouver, BC

- Led project to develop and deploy machine learning models in live game to predict best offer for players resulting in higher conversion for each offer
- Built PubSub/Dataflow pipeline to gather real-time data for predictions
- Developed logic for matchmaking systems for two different mobile games

### KABAM | DATA ANALYST

June 2018 - July 2019 | Vancouver, BC

- Used Tableau to conduct analysis, design and evaluate A/B split tests, measure success, diagnose problems, and provide insights to different teams
- Developed Python scripts to automate regular, small tasks saving a lot of time

### MOBIFY | DATA ANALYSIS & VISUALIZATION INTERN

October 2016 - February 2017 | Vancouver, BC

- 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.

### UNIVERSITY OF BRITISH COLUMBIA | TEACHING ASSISTANT

May 2015 - September 2016 | Vancouver, BC

- Courses: Fundamental Mathematics, Software Construction

## RESEARCH

### UNIVERSITY OF BRITISH COLUMBIA | RESEARCHER

May 2016 - May 2018 | Vancouver, BC

Designed, implemented, and evaluated a web application for clickstream data analysis to help 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 and more effective downstream analysis.

### CONCORDIA UNIVERSITY | UNDERGRADUATE RESEARCHER (NSERC)

May - August 2013 | Montreal, QC

Developed visualizations for code smell refactoring suggestions in the JDeodorant Eclipse plug-in to help developers understand which they should apply.

## PROJECTS

**VisualLaws: 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 outcome of various pseudo random number generators.

## AWARDS

- 2015 Academic All-Canadian: Varsity athlete with academic standing >80%
- 2013 Arts and Science Scholar: Top 1% GPA in department
- 2013 Best Poster Award for Consortium for Software Engineering Research
- 2011 Concordia Entrance Scholarship: Top ranked student entering Bachelor program

## PUBLICATIONS

- [1] K. Dextras-Romagnino and T. Munzner. Segmentifier: Interactive refinement of clickstream data. *Computer Graphics Forum*, 2019.