

KIMBERLY DEXTRAS-ROMAGNINO

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EXPERIENCE

Data Scientist

July 2019 - Present

Kabam

- Led a project from start to end to deploy machine learning offers into live mobile game; increased conversion by 50%
- Trained/evaluated Logistic Regression, Random Forest, and Clustering models to predict optimal offers for players
- Designed new game features for data collection, experiments for evaluation, and new technology for deployment
- Built PubSub/Dataflow pipeline to allow real-time data for predictions for the first time
- Developed the logic for matchmaking systems implemented in two different live mobile games

Data Analyst

June 2018 - July 2019

Kabam

- Helped drive decisions for different stakeholders by defining KPIs, integrating new telemetry, and designing A/B tests
- Used SQL and Tableau to conduct analysis on feature design, retention, user segmentation, LTV, and install funnels
- Developed Python scripts to automate regular, small tasks reducing time from hours to minutes

Graduate Research Assistant

May 2016 - May 2018

University of British Columbia

- Designed, implemented, and evaluated a web application for clickstream data analysis that allows users to easily filter/transform data into segments of interest leading to actionable insights and 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 reducing analyst's work from days to hours

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 Tsantalis

EDUCATION

University of British Columbia, Vancouver, BC

September 2015 - May 2018

Master of Science, Computer Science

Research in Information Visualization under supervision of Tamara Munzner

Concordia University, Montreal, QC

September 2011- May 2015

Bachelor of Science, Joint Major Mathematics and Computer Science

Minor in Business; Graduated with High Distinction; 4.13 GPA

DATA SKILLS

Programming Languages

Python, SQL, MATLAB, Java, JavaScript, D3.js

Software & Tools

Tableau, Google Pub/Sub, Google Dataflow, Apache Beam, Airflow, Docker, Git

Machine Learning

Regression, Random Forest, Cluster Analysis

PUBLICATIONS

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

ACHIEVEMENTS, SKILLS, INTERESTS

Arts and Science Scholar: Top 1% GPA in department

2013

Concordia University Varsity Women's Soccer Team

2011 - 2015

International Study Experience: Semester in Groningen, Netherlands

2014

Bilingual: English, French