

Greg Rychlewski

Software Developer

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WORK EXPERIENCE

Machine Learning Engineer

RBC

10/2018 – Present

- Develop machine learning production systems that assign credit scores to bank customers (batch and real-time)
- Create ETL jobs to pull data from various sources into my team's data mart
- Develop efficient solutions to big data problems
- Create bash scripts to automate tasks
- Purchase, setup and administer Linux virtual machines
- Technologies used: Python, Spark, Hadoop, Hive, Sqoop, Docker, Java, R, Linux, SQL, Bash, Git

Software Application Developer

TD Bank

07/2016 – 09/2018

- Lead developer for an automation system that analyzes the performance of the statistical models used by the bank and generates customizable reports to submit to regulators
- Created machine learning models to assess the credit risk faced by the bank
- Technologies used: Python, SQL, Javascript, R, Git

Web Developer

Freelance

03/2018 – 05/2018

- Created a web application to upload and catalog the client's personal artwork
- Technologies used: ReactJS, Webpack, Python, Git

Machine Learning Consultant

Freelance

04/2016 – 09/2016

- Created machine learning models for a movie recommendation mobile application
- Developed back-end API endpoints
- Technologies used: Python, R, Git

SAS Programmer

Everest Clinical Research Services

11/2011 – 05/2014

- Created SAS programs to clean and analyze data from pharmaceutical trials
- Created SQL scripts to monitor our databases for data errors

TOOLSET



PROJECTS

Co-Founder

Anaphylactic Applications

01/2016 – Present

- Developed mobile games Where's Balldo? and Four Factors. Both are currently available for iOS and Android.
- Technologies used: Javascript, Apache Cordova, PhaserJS, PixiJS, HTML, CSS

EDUCATION

Master's Degree, Statistics

York University

09/2015 – 06/2016

Master's Degree, Chemical Physics

University of Toronto

09/2009 – 03/2011

Honours Bachelor's Degree, Chemical Physics and Math

University of Toronto

09/2004 – 06/2009