

Jason Tang

1999jasontang@gmail.com
1999jasontang.github.io
github.com/JasonTang99
(647) 974-6485

Professional Experience

Software Developer Intern

Royal Bank of Canada

May 2020 - Present

Toronto, Canada

- Developing a proof of concept cost analysis tool that identifies drivers of cost in real time, empowering business and finance leaders with meaningful and actionable insights in order to manage costs more efficiently.
- Aggregating and processing cost data from various pipelines to identify cost trends through time series modelling, allowing business executives to pinpoint optimization opportunities as they arise.
- Creating a ReactJS based dashboard to track key performance indicators and present the forecasted costs.
- **Technologies Used:** SQL, NoSQL, Python, PyTorch, Flask.

Software Engineering Intern

University of Toronto Information Technology Services

May 2019 - August 2019

Toronto, Canada

- Piloted a real time recommendation engine for student course enrollment utilizing historical.
- Developed and documented a Javascript web application, allowing access to models deployed with Docker.
- Automated job pay-band classification by optimizing Natural Language Processing models on past assessment records, reducing evaluation time from the scale of weeks to days.
- **Technologies Used:** Python, JavaScript, Node.js, Azure, Keras, PyTorch.

Junior Developer

Sitewide Solutions

January 2019 - May 2019

Toronto, Canada

- Redesigned frontend ReactJS components to be mobile friendly, and engineered backend components to track assigned tasks in a web application for enhancing communication between construction site personnel.
- **Technologies Used:** C#, JavaScript, ASP .NET Core, ReactJS, Agile.

Experience

Teaching Assistant

University of Toronto CSC148: Introduction to Computer Science

Extracurricular

- Instructed and mentored 30+ undergraduate students by delivering teaching and assessment activities.
- Contributed to the development of course materials — ensuring content achieves learning objectives.

2 Armed Bandits

Technical Blog

Personal Project

- Communicated concepts in Reinforcement Learning concisely by authoring an introductory level technical blog.

Education

University of Toronto St. George

Candidate for Honours Bachelors of Science

Computer Science Major with Mathematics and Statistics Minors

Expected May 2021

cGPA 3.81/4.00

Skills

Languages Python, Java, SQL, JavaScript, C.

Frameworks Flask, ReactJS, PyTorch, Keras.

Tools Git, Unix, Bash, Android, Azure.