

# ADRIAN JUNYI PENG

**PREFERRED PRONOUNS:** They/Them

**LOCATION:** Toronto, Canada

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## EDUCATION

August 2021 - August 2022

**MASTER OF MANAGEMENT IN ARTIFICIAL INTELLIGENCE**, SCHULICH SCHOOL OF BUSINESS, YORK UNIVERSITY

August 2019 - July 2021

**MASTER OF BUSINESS ADMINISTRATION**, TED ROGERS SCHOOL OF MANAGEMENT, RYERSON UNIVERSITY

2013 August - July 2017

**BACHELOR OF ARTS**, THE UNIVERSITY OF TEXAS AT AUSTIN

## SKILLS

- Data Analysis and Modeling
- Cloud Management
- Database Management
- Big Data Processing
- Strategy and Compliance Consulting
- AI Ethics Theories and AI Geopolitics
- Machine Learning and Deep Learning Projects
- Fluent in Mandarin, English, and Japanese

## EXPERIENCE

January 2022 – August 2022

**Artificial Intelligence Consultant (Student Co-op)**, Metrolinx

Toronto, Canada

- Artificial intelligence product design: internal application of Go Transit ridership forecasting, rescheduling and route optimization.
- Modeling for ridership analysis, cost, and public assets optimization.

February 2018 - March 2020

**Office Project Manager**, Square Legal Services

December 2016 - June 2017

**Data Analyst**, Square Legal Services

Toronto, Canada

- Managed the law firm with a scale of 10 staff members overseeing business intelligence and data analysis projects. Assisted in social media, digital marketing, and human resources programs and campaigns. Implemented data-driven projects for marketing, file management, and assets management.
- Initiated change management and technology compliance research projects. Assisted legal assistants

and attorneys with insights from data visualization and data mapping project results using Tableau and ArcGIS.

- Monitored SQL, NoSQL, big data databases/data lake, and cloud storage/computing solutions on GitLab, Apache Spark, and AWS. Conducted data ETL, machine learning, and deep learning tasks using Scikit-Learn, Keras, Tensorflow, and related Python APIs and libraries.

## RELEVANT ACADEMIC PROJECTS

**May 2021 - July 2021**

*Causality and Causal Inference: Effect of Lockdown Restrictions on Population Vaccination Rates*, Ted Rogers School of Management, Ryerson University

- Planned and proposed research goals and causality model methodologies in exploring the causal relationship between COVID-19 lockdown restrictions and vaccination rate in Ontario, Canada, and Michigan, U.S.

**September 2020 - December 2020**

*NFL Big Data Modeling on Apache Spark*, University of Waterloo

- NFL big data modeling and analysis on Apache Spark exploring the potential inputs in inference the winning team.

**April 2020 - July 2020**

*COVID-19 Case Studies: Bayesian Model Analysis*, University of Waterloo

- Bayesian modeling for the COVID-19 global confirmed cases analysis and inference.

**September 2019 - December 2019**

*GTA Daily Shelter Occupancy Modeling and Analysis (2017-2019)*, University of Waterloo

- Data visualization, modeling, and analysis for different shelter sectors to explore the potential explanations for the serious homelessness issue in the GTA area.

## CERTIFICATIONS & AWARDS

- AWS Certified Cloud Practitioner (February 2022)
- DeepLearning.AI TensorFlow Developer Professional Certificate (Expected June 2022)
- Data Science Professional Certificate, University of Waterloo (2021)
- Financial Management Certificate, SC Johnson College of Business, Cornell University (2019)
- Dean's Entrance Award, Schulich School of Business (2021)
- 2nd Place, Data Challenge, The University of New Brunswick International Business & Entrepreneurship Centre (2021)
- MBA International Exchange Program Grant, Ted Rogers School of Management (2019)
- 1st Place, Start Proud: Out on Bay Street National Case Competition (2019)