Tianyu Du

Undergraduate at University of Toronto, Economics, Mathematics and Computer Science

Contacts

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Educations

Sep. 2017 - Jun. 2020 (Expected)	**University of Toronto**, Toronto, Canada. Honours Bachelor of Science (Forth Year) Programs Economics&Mathematics Specialist, and Computer Science Minor Current cGPA: *4.00/4.00*
Jun. 2019 - Aug. 2019	**Stanford University**, California, United States. Summer Session, Intensive Studies Program in Data Science
Sep. 2014 - Jun. 2017	**Hangzhou Foreign Language School**, Hangzhou, China. General Certificate of Education, A Level by Cambridge International Examinations Advanced Placement
Jul. 2016	**University of Toronto**, Toronto, Canada. Summer Session

Awards

Jun. 2019	Dean's List Scholar (2018-19)
Jan. 2018	Dean's List Scholar (2017-18)
May. 2019	International Experience Award (Killam American Fund for International Exchange $ 5,000)

Academic Activities

May. 2018 - Present.	**Artificial Neural Networks in Economic Forecasting** *Independent Research* Evaluating and comparing the relative performances of neural networks and traditional models on time series forecasting.
May. 2019 - Jun. 2019	**Independent Reading in Mathematics: Mathematical Economics** *Supervisor: Robert J. McCann* Reading in microeconomic theories with rigorous mathematical proofs.
Sep. 2018	**CIBC Machine Intelligence Hackaton** *Finalist Group (Top 5)* An auto-encoder-decoder architecture neural network was implemented to catch fraud in medical insurance

Skills & Certificates

Familiar with data mining, machine learning in both R and Python. Data analysis in Matlab, Stata, and Mathematica. Operating workstations and servers running linux systems.
Certificates: Accelerated Computing With Cuda (Nvidia), (on Coursera) Practical Time Series Analysis, Serverless Machine Learning with Tensorflow on Google Cloud Platform, Recurrent neural networks, ocial and Economic Networks: Models and Analysis, and Machine Learning.