

Tianyu Du

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

CONTACTS

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EDUCATIONS

SEP. 2017 **University of Toronto**, Toronto, Canada.
- JUN. 2020 Honours Bachelor of Science (Forth Year)
(Expected) PROGRAMS Economics&Mathematics Specialist and Computer Science Minor
CURRENT CGPA: 4.00/4.00
JUN. 2019 **Stanford University**, CA, United States.
- AUG. 2019 Summer Session, Intensive Studies Program in Data Science
COURSES: Machine Learning (Graduate), Data Mining and Analysis (Graduate),
Theory of Probability (Undergraduate).
SEP. 2014 **Hangzhou Foreign Language School**, Hangzhou, China.
- JUN. 2017 General Certificate of Education, A Level by Cambridge International Examinations
COURSES: Economics, Mathematics, Further Mathematics, Physics, English.
Advanced Placement
COURSES: Microeconomics, Macroeconomics.

SCHOLARSHIPS AND AWARDS

JAN. 2018 Dean's List Scholar
MAY. 2019 International Experience Award (\$ 5,000)

ACADEMIC ACTIVITIES

MAY. 2018 **Artificial Neural Networks in Economic Forecasting**
- PRESENT. *Independent Research*
Evaluating and comparing the relative performances of neural networks
and traditional models on time series forecasting.
MAY. 2019 **Independent Reading in Mathematics: Mathematical Economics**
- JUN. 2019 *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, social and Economic Networks: Models and Analysis, and Machine Learning.