

Zhengan Zhang

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EDUCATION

Hong Kong University of Science and Technology

August 2021 - Present

PhD in Information Systems

New York University | NYU Shanghai – NYU Stern Master Program

Jun 2019 – May 2020

Master of Science in Data Analytics & Business Computing & Merit based scholarship

New York University Shanghai

Sep 2015 – May 2019

Bachelor of Science in Data Science (Finance Track) / Business and Finance

Honors:

Ranked 14th in Jiangsu Province in the College Entrance Examination & Merit based scholarship 2015

Relevant Coursework: Discrete Mathematics, Linear Algebra, Stochastic Processes & Simulations, Decision Model and Analytics, Data Driven Decision Making, Machine Learning, Data Structures, Information Visualization, Business Analytics, Information Technology in Business & Society, Multivariable Calculus, Corporate Finance, Economics for Global Businesses, Econometrics

Study Abroad:

New York University | Abu Dhabi Campus

Sep 2017 – Dec 2017

New York University | Courant Institute of Mathematical Sciences / Stern School of Business

Jan 2017 – May 2018

RESEARCH PROJECTS

Ph.D **Shanghai, China**
July 2020 – Aug 2020

“Failure Recovery model”, with Jetta

- Used multi-dimensional data to predict which customers who failed to purchase a vehicle are more likely to be re-acquired.
- Provided a viable model with more than 0.9 recall and 0.97 AUC.

Machine Learning Project

Shanghai, China

July 2020 – Aug 2020

“Failure Recovery model”, with Jetta

- Used multi-dimensional data to predict which customers who failed to purchase a vehicle are more likely to be re-acquired.
- Provided a viable model with more than 0.9 recall and 0.97 AUC.

NYU Shanghai Capstone Project

Shanghai, China

Feb 2020 – May 2020

“Spending Pattern of High Net Worth Individuals”, with HSBC

- Used multi-dimensional data to analyze high net worth individuals, and predict those which are yet unknown
- Used machine learning tools and data cleaning techniques
- Provided a 95-paged report to the client

NYU Shanghai Research Project

Shanghai, China

Apr 2020 – June 2020

“Eleme Courier Behavior Analysis under COVID-19”, with Prof. Renyu Zhang & Prof. Ying Rong

- Used multi-dimensional data to analyze courier behavior and their decision making
- Used machine learning tools and data cleaning techniques

NYU Shanghai Research Project—Research Assistant

Shanghai, China

July 2018 – Oct 2018

“Cost of Information Frictions: Evidence from the Telegraph Network in Pre-modern China”, with Professor Pei Gao (NYUSH) and Professor Yuhsiang Lei (Yale-NUS)

- Transformed historical documents into digital datasets for further analysis.
- Used QGIS and Google Earth to map the data into their geographic locations.

PROFESSIONAL EXPERIENCES

NYU Shanghai

Shanghai, China

Teaching Associate

Aug 2020 – Jan 2021

- Adjunct Teaching Associate of Business (for Machine Learning for Business)
- Teaching Associate for the Computer Science Department (Machine Learning and Intro to Computer Programming)

NYU Shanghai

Shanghai, China

Teaching Associate / Learning Assistant for Business Analytics

Feb 2020 – May 2020

Feb 2019 – May 2019

- Held office hours at the Academic Resources Center
 - Worked with Prof. Renyu Zhang & Ying Rong to develop homework solutions for reference
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SKILLS

Github Repo: <https://github.com/darthkenobi5319>

Programming Languages: Python (Proficient), Java, R, HTML & JavaScript, SQL