SUNNY HO

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EDUCATION

M. Sc., Statistics & Data Science, **Southern University of Science and Technology(SUST)**
GPA: 3.45/4.5

Shenzhen, China
2021.9 - ongoing

B. Sc. - Statistics, **Shenzhen University**
GPA: **4.15**/4.5, ranking **1**/46.

Shenzhen, China
2017.9 - 2021.6

RESEARCH EXPERIENCE

Scientific Mobility and Change of Research Interest Based on Semantics
Master thesis, supervised by assistant professor Yifang Ma

Shenzhen, China
2022.7 - on going

Bored the rules of how the trajectories of scientists influence their research interests based on the information about papers, authors, and affiliations, through both text and network analysis.

Short Text Clustering Based on Word2vec Model
Bachelor thesis, Supervised by associate professor Songchen Li

Shenzhen, China
2020.11 - 2022.5

Compares the performance of Word2vec-base clustering methods to those of the traditional topic model in clustering paper titles.

Health Information Recommendation Decision Based on Machine Learning
Leader of a funding project, Supervised by associate professor Yingjue Fang

Shenzhen, China
2018.11 - 2020.5

Designed neural networks to distinguish the health news from the news on other topics.

COURSE PROJECT

Statistical Graph Models on Community Detection
Instructor: associate professor Qingyan Hu

Shenzhen, China
2022,2 - 2022.6

Detected communities in the binary network based on the probability model.

High Dimensional Statistics on Square-root LASSO
Instructor: associate professor Zeng Li

Shenzhen, China
2022,2 - 2022.6

Derive Conic Programming and CCD algorithm to solve the square-root LASSO.

Categorical Data Analysis on American National Election Survey
Instructor: associate professor Xiyun Jiao

Shenzhen, China
2022,2 - 2022.6

construct GLMs to select of the significant factors influencing the vote based on AIC.

HONOR

Outstanding Graduate in Shenzhen University
First Prize Scholarship in Shenzhen University

2021
2018-2021

TEACHING EXPERIENCE

Network Science and Computing, Teaching Assistant, SUST.
Bayesian Statistics, Teaching Assistant, SUST.

2022.2 - 2022.6
2022.2 - 2022.6

LANGUAGE AND SKILL

Languages: IELTS 6.5/9, Chinese (Mandarin, Cantonese).
Skills: Python, R, Latex.