

Shenming Ji

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Education Experience

Xi'an Jiaotong-Liverpool University

Sep. 2021 - Jun. 2025

B.S. Information and Computing Science

Research Experience

SUMMER UNDERGRADUATE RESEARCH FELLOWSHIPS PROGRAM

Jun. 2023 - Sep. 2023

Research fellow

Project name: *Investigating the effect of collaboration patterns on bilibili's video performance and creator's individual growth*

- Around 37k video data for six months (Dec. 2022-Jun. 2023) and 43k involved creators data were collected.
- After processing the data sets, we applied Python to construct the network of collaboration videos, and the cross-sectional data from collaboration videos were also prepared for regression analysis.
- Identified the structure hole and analyzed the network and U-shaped graph.
- The results provided insights into how creators on Bilibili can best collaborate to create successful videos.

Professional Experience

Yalong Intelligent Equipment Co., LTD

Jan. 2024 - Feb. 2024

Intern of front-end Group

Program name: *Yalong Order Management System*

- Mastered front-end knowledge such as HTML, CSS, and JavaScript and worked on real-life cases independently.
- Cooperated with interns in the same team to complete the sub-project of Yalong Order Management System.

Project

Patients Classification | *Python, MATLAB*

Feb. 2023 - Apr. 2023

- Designed a classifier to classify health status of patients, according to the mark earned for 15 questions.
- Extracted data features and made the dimensionality reduction of the given dataset.
- Built 3 classifiers in a supervised way and recommended one classifier among the 3 candidate classifiers.
- Classified patients to different groups in an unsupervised manner and justified the final classification.

Extracurricular Activities

Team member of school robot team (join RoboMaster University Championship held by DJI)

Sep. 2021 - Jun. 2022

Programmer at American College Students Mathematical Contest in Modeling.

Feb. 2023

Skills

Programming: C/C++, Python, Java, JavaScript, HTML/CSS, SQL, \LaTeX

Languages: Mandarin, English(IELTS: 6.5 (7.5 7 6 6))

Tools: Figma, VS Code, IntelliJ PyCharm/IDEA, MATLAB, MySQL, SPSS