

Linqiao Yang

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Education

Beijing Normal University

Bachelor of Science in Applied Mathematics

Beijing, China

2019.9-2023.6

- GPA: 88/100
- Course Highlights: Probability Theory, Data Analysis, Data Structure, Deep Learning, Time Series Analysis
- Awards/Honors:
 - 1st prize of the 2021 National Mathematical Modeling Contest in the Beijing region
 - 2nd prize scholarship (2022), 3rd prize scholarship (2020, 2021)
 - 3rd prize of the 2020 National Mathematics Contest for College Students in the Beijing region

Summer school of Fudan University

- Course Highlights: Sentiment Analysis, Neural Networks Methods of NLP

Online

2022.7

Research Experience

Faculty of Mathematics, Beijing Normal University

Assistant Researcher

Beijing, China

2020.6-2021.5

- Assisted the research project that explored the space of colorings and its homomorphism induced by the link quandle, which is an algebra system abstracted from Reidemeister move of links
- Formulated the structure of the coloring space of a 2-braid link colored by n-dimensional unit sphere's quandle
- Proposed the structures of specific conjugated classes based on computer graphics

Relevant Experience

Big Data Risk Management Department, CCB Financial Technology Co., Ltd.

Data Analysis Intern

Xiamen, China

2023.7-2023.8

- Utilized Python to build a GDBT-based application scoring card model on the test dataset, independently completing processes such as variable selection and transformation, model creation, and validation, and developed a toolkit for these processes.
- Participated in the maintenance and optimization of loan application approval rates, conversion rates, and Vintage tables.

Product Quality Department, Beijing Yulore Innovation Technology Limited

Product Manager Intern

Beijing, China

2023.4-2023.6

- Contributed to the construction and deployment of the company's data monitoring system, authored six requirement documents, communicated with R&D over ten times, and facilitated the launch of 29 new requirements.
- Responsible for building the data monitoring system Dashboard, using SQL and the Metabase platform to visualize abnormal data by source and type, assisting the company in problem identification and error correction processes.

Mathematics Modeling Project

Team Leader

Beijing, China

2021.9

- Analyzed and predicted the availability of raw material suppliers of manufacturing enterprise by using Numpy and Pandas library, constructed an evaluation system of suppliers by considering 6 relevant factors
- Utilizing the ARIMA model with a seasonal effect to predict the available supply quantity of 402 suppliers

Skills

- **Professional Skill:** English, Chinese(Native), Office, Python, SQL, C++