

YUANG GUO

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EDUCATION

University of International Business and Economics
Bachelor's, Duo for Computer Science and Economics

September 2018 - June 2022
GPA: 3.5

Boston College
Master's, applied analysis

September 2022 - December 2024
GPA: 3.9

Massachusetts Institute of Technology
Certification, statistics and computer science

January 2024 - January 2025

PROFESSIONAL EXPERIENCE

University of International Business and Economics
researcher

Beijing, China
February 2021 - June 2021

- Performed advanced textual analysis to extract meaningful insights from trade data using R
- Developed and applied statistical models to uncover trade patterns using python
- Collaborated closely with professors to refine methodologies and ensure accuracy in data interpretation

autohome
project manager

Beijing, China
June 2022 - August 2022

- Developed efficient SQL algorithms for data search and retrieval, ensuring accurate tracking and reporting.
- Created visualizations using Tableau to present key insights and enhance decision-making across the group.

Boston College
student competitor for Mars Company Product Development Competition

Chestnut Hill, MA, USA
September 2023 - December 2023

- 2nd Prize, Mars Product Development Competition
- Led in-depth user engagement analysis and implemented various machine learning techniques to forecast user behavior and product stickiness. Utilized time series analysis in Python and visualized results using R to present actionable insights.
- Full project details, final presentation and code available at: https://github.com/FSD-dennis/Mars_company_competition

Boston College
student competitor for 2024 Analytics and Industry Symposium

Chestnut Hill, MA, USA
January 2024 - April 2024

- 1st place in the Multi-Layer U-Shape Net (Computer Vision) program
- Utilized both TensorFlow and PyTorch to train the model on a massive dataset of 7B, employing GPU computing to handle the project's intensive computational requirements.
- Full project details, final presentation, code and personal photo available at: <https://github.com/FSD-dennis/Multi-Layer-Unet>

PROJECTS & OUTSIDE EXPERIENCE

Sentiment Analysis on Social Media
NLP project

- Using different embedding models dealing with different Stemming and Lemmatization with python.
- Using different embedding models based on different mathematic statistics models

website - [Link to project](#)
create my own website

- create my own website using javascript, css and html
- add many interesting interactive functions

SKILLS

Skills: Git, HTML/CSS, Java, MATLAB, Python, Excel/Numbers/Sheets, R, C/C++, SQL, ML & AI

Languages: Chinese, English

Interests: Gym, skydiving, soccer