

YUANG GUO

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EDUCATION

University of International Business and Economics <i>Bachelor's, Duo for Computer Science and Economics</i>	September 2018 - June 2022 GPA: 3.5
Boston College <i>Master's, applied analysis</i>	September 2022 - December 2024 GPA: 3.9
Massachusetts Institute of Technology <i>Certification, statistics and computer science</i>	January 2024 - January 2025

PROFESSIONAL EXPERIENCE

University of International Business and Economics <i>researcher</i>	Beijing, China <i>February 2021 - June 2021</i>
<ul style="list-style-type: none">Performed advanced textual analysis to extract meaningful insights from trade data using RDeveloped and applied statistical models to uncover trade patterns using pythonCollaborated closely with professors to refine methodologies and ensure accuracy in data interpretation	
Industrial and Commercial Bank of China <i>Supply Chain Finance</i>	Beijing, China <i>September 2020 - October 2020</i>
<ul style="list-style-type: none">Created model to assess supplier financing needs, develop solutions to enhance liquidity, and ensure smooth financial transactions within the supply chainMaintaining relationships with clients and my company to streamline operations	
Autohome Inc. (NYSE: ATHM) <i>project manager</i>	Beijing, China <i>June 2022 - August 2022</i>
<ul style="list-style-type: none">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.Coordinate across different departments to ensure alignment and progress on the same project phase.	

PROJECTS & OUTSIDE EXPERIENCE

student competitor for Mars Company Product Development Competition <i>Data Analysis and Time Series Prediction</i>	Chestnut Hill, MA, USA <i>September 2023 - December 2023</i>
<ul style="list-style-type: none">2nd Prize, Mars Product Development CompetitionLed 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.Link to project	
student competitor for 2024 Analytics and Industry Symposium <i>Computer Vision Project</i>	Chestnut Hill, MA, USA <i>January 2024 - May 2024</i>
<ul style="list-style-type: none">1st place in the Multi-Layer U-Shape Net (Computer Vision) programUtilized 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.Link to project	
Sentiment Analysis on Social Media <i>NLP project</i>	Allston/Brighton, MA, USA <i>August 2024 - December 2024</i>
<ul style="list-style-type: none">Using different embedding models dealing with different mathematic statistics models with python.Reached 98% Accuracy in sentiment predictionLink to project	

SKILLS

Skills: Git, HTML/CSS, Java, MATLAB, Python, Excel/Numbers/Sheets, R, C/C++, SQL, ML & AI, Statistics, Random Process
Languages: Chinese, English
Interests: Gym, Skydiving, Soccer, Cooking