Yanyang He

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EDUCATION

Pennsylvania State University	**State College, PA, USA**
Bachelor of Science (BS), Major: Mathematics, GPA: 2.93/4.0	***09, 2020-06, 2024***

Selected Mathematics Courses: Cal Anly Geom 1 and 2, Matrices, Calc/Vector Anly, Ord Diff Equations, Discrete Math, Real Analysis

Selected Statics, Computer Science and Economic Courses: Elem Statistics, Intro Prob Theory, Intro Math Stat, Intro Program-ming, Intro Prgmg Tech, Microeconomic Analysis

Boston University	**Boston, MA,USA**
Postgraduate Program: Business Analysis	**09, *2024*-present**

HONORS & AWARDS

Dean's List	*12, 2021*
Fifth Place in Men's 100m Track and Field in Wuxi Senior High School Games	*02, 2019*
First Prize in National Simulation Business Competition	*08, 2018*
Fifth Place in the National Simulation Business Competition	*08, 2018*
Person of the Year in the National Business Simulation Competition	*08, 2018*

INTERNSHIP EXPERIENCES

Ernst & Young Hua Ming LLP	**Shanghai, China**
Accounting Intern, Supervised by Partner & Assurance Chong Gao	*07,2023*

Engaged in data entry and matching, involving data processing in both sheet and Excel

Participated in the issuance of inquiry letters, the preparation of reminder letters, and the review of inquiry letters

Assisted in extracting vouchers and recording relevant information, including PO orders and bank statements

ACADEMIC EXPERIENCES

Exploring the Champion's Ban&Pick Rate and Their Crowd Control in League of Legends	**PSU, USA**
Project Group Member, Instructed by Prof. Neil Hatfield	*09,2023-12,2023*

Explore the relationship between one champion's ban&pick rate (bp rate) and the crowd control (cc) that one champion has

Selected of 5 champions in 8 treatment groups among total of 166 champions using code from R studio

Investigate the main effects of the categorical variables using ANOVA F test, Point Estimates and Post-Hoc Comparisons

Business Data Analysis Remotely

Project Group Member, Instructed by Prof. Siyuan Liu 01,2023-05,2023

Acquainted myself with the core and vital theories of classification analysis, decision trees, rule mining, and clustering analysis, as well as their application to data analysis

Generated applicable data from massive amounts of textual information to identify hidden trends and structures, and presented in-depth understandings for corporate decision-making

Performed social network evaluations through network models, centrality analysis, and community analysis, to discover key nodes and communities and investigate the framework and connections in social networks

Obtained statistical data on user behavior and market trends and created recommendation systems to customize predictions de-

pending on user preferences

Research Frontiers Exploration in Mathematics Shanghai, China *Trainee 07, 2022-12, 2022*

Investigated core theories and data mining methodologies, business data analysis process, marketing analysis foundation through new lens of mathematical theories, methods, and applications

Explored important topics in mathematics, science, and engineering to tackle these issues through novel ideas and methods in

theoretical derivation, model creation, and data analysis.

National Business Simulation Competition Shanghai, China *Project Group Member 07, 2018-08, 2018*

Developed entrepreneurial venture programs, marketing plans, company analysis, and strategic analysis through modellings and simulation

Collaborating with novice innovators, entrepreneurs and business professionals from every walk of life to develop business ideas and strategies

Interacted with top business professionals and investors throughout the country to receive crucial guidance and counsel

<u>Won the First Prize (fifth place) and awarded the Person of the Year in the National Simulation Business Competition</u>

LEADERSHIP AND EXTRACURRICULAR ACTIVITIES

Spaceauto (Automotive Dealer)   **Jersey City, NJ, USA**
Volunteer in the Sale Department   *07,2023*

SKILLS & ACTIVITIES

Professional Skills: MS Office, Java, Python, R