Quan Wang

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EDUCATION

Purdue University, Krannert School of Management   **West Lafayette, IN**
Bachelor of Science in Economics Honors   05/2021
Minors: Statistics, Mathematics   GPA: 4.00/4.00
Honors: Dean's List & Semester Honors (2019-2020), OUR Scholar (2020-2021)
B.S. Thesis: *Does Studying Economics Reduce Cooperation?*

China Agricultural University, International College of Beijing   **Beijing, China**
Bachelor of Economics ("2+2" double degree program)   06/2021
Honors: China National Scholarship, "Merit Student in Beijing" (2018-2019)   GPA: 3.89/4.00
Exchange Study: University of Colorado, Denver   09/2018 – 07/2019

RESEARCH EXPERIENCE

Krannert School of Management, Purdue University   **West Lafayette, IN**
Undergraduate Researcher   08/2020 – Current
- Researched on "Managing Supply Chain Disruption Risk for Coronavirus Outbreak"
- Collected PPE suppliers and public trade data, found how PPEs were allocated, and built a database of PPE
- Utilized machine learning approaches and regression analysis to build prediction models and conduct hypothesis test
- Visualized PPE supply chain map with index to construct data transparency

Vernon Smith Experimental Economics Laboratory (VSEEL)   **West Lafayette, IN**
Volunteer Research Assistant   01/2020 - Current
- Helped conduct 7 experiments in game theory, experimental economics, and behavioral economics
- Guided student subjects, set up experiment environment, and collected materials after experiments
- Tested software programs and provided feedback to experiment designers

China Agricultural University (CAU)   **Beijing, China**
Undergraduate Researcher   09/2018 – 06/2019
- Researched on "The Development and Innovation for Fresh Food E-Commerce in Beijing"
- Collected data to generate consumer profile by online and offline survey (1000+)
- Built consumer behavior model accurately and provided suggestions for fresh food O2O platforms in Beijing

TEACHING EXPERIENCE

Purdue University, Krannert School of Management   **West Lafayette, IN**
Teaching Assistant   01/2021 – Current
- Assisted teaching ECON37000 International Trade
- Held office hours to answer students' questions and answered questions in Piazza discussion form

China Agricultural University, International College of Beijing   **Beijing, China**
Teaching Assistant   08/2018 – 03/2019
- Assisted teaching MATH1130 Precalculus Mathematics and MATH1401 Calculus I
- Constructed and graded assignments and exams to facilitate materials covered in class
- Held office hours to answer students' questions to increase understanding of mathematical concepts

DBN Camp for International Exchange Program (Student Coaching Organization)   **Beijing, China**
TOEFL speaking section peer tutor   03/2019 – 07/2019
- Developed an instructional plan independently that provides a comprehensive view of the TOEFL exam
- Planned lessons and assessed 40 students' progress by creating interactive speaking assignments
- Helped more than 10 students improve both grades in TOEFL speaking section and fluency in spoken English

SKILLS

*Software***:** STATA, R Studio, SPSS, SAS

Programming Language: Python, Java

Packages: Numpy, scipy, Tensorflow, PyTorch, sklearn, matplotlib, pandas, etc.

Mathematics & Statistics: Multivariable Calculus, Linear Algebra, Real Analysis, Probability, Regression Analysis