Yiming Gao

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EDUCATION

University of Illinois Urbana-Champaign, Urbana-Champaign, IL **Jan. 2024 – Dec.2025**
- BS. in Mathematics and Statistics
- GPA: 4.00/4.00
- Related courses: Data Science Discovery (STAT 107), Statistics and Probability Ⅰ (STAT 400)

Beijing University of Posts and Telecommunications (BUPT), Beijing, China **Sep. 2021 – Jan.2024**
- BEng. in Telecommunications Engineering with Management
- Minor in Optical Communication (*Ye, Peida* Honor Class)
- GPA: 3.81/4.00 (top 1% in major)
- Related courses: C Programming, Java, Python, Probability Theory

ACADEMIC EXPERIENCE

Research Assistant at Pervasive Human Computer Interaction Laboratory, Tsinghua University, Beijing **Aug. 2023**
- Engaged in the project titled "Automatic Discovery and Collaborative Labeling for Personalized Activity Recognition In-the-Wild", aiming to automate the detection of various activities in fitness products to enhance user experience.
- Entrusted with the task of pipeline deployment, successfully migrating PC-based code to the Android OS and developing the necessary Android app with voice recognition functionalities.

Mathematical Contest in Modeling (MCM), USA **Feb. 2023**
- Programming and data visualization, which contributed to the deep analysis and presentation of the project.
- Involved in paper formatting, image creation, and project conclusion, ensuring a comprehensive final submission.
- Awarded the "Meritorious Winner (H Award)" for outstanding performance and contributions to the project.

Web Articles Crawler, BUPT **Apr. 2022**
- Developed an automated tool to collect and categorize information from the website of the Embassy of China in the Independent State of Samoa for solve an English course assignment.
- Utilized automation and the text-davinci-003 model to streamline the otherwise tedious process of manual data collection and classification.

EXTRACURRICULAR ACTIVITIES

Class Committee Member in Telecommunications Engineering and Management Major **Sep. 2021 - Dec. 2023**
- Organized academic activities including facilitating sessions for postgraduate studies abroad and end-of-term review lectures, enhancing the learning experience for peers.
- Participated in gathering and providing feedback on teaching conditions, playing a significant role in improving the overall educational environment and fostering communication between students and faculty.

Member of Cycling Tour Around Hainan Island **Jul. 2017**
- Successfully completed the cycling tour around Hainan Island. The total length of the tour is about 800 km.

COMMUNITY SERVICES

Registered Volunteer of Beijing Volunteer Service Federation, Beijing, China **Oct. 2021 - Dec. 2023**
- Participated in volunteer activities in Beijing, such as Welcome Freshmen Event at Beijing University of Posts and Telecommunications and Chaoyang District New Youth Learning and Training Volunteer Activity.
- Working with 5 different volunteer activities within two years.

SELECTED HONORS

2023 ｜ Meritorious Winner (H Award) in the Mathematical Contest in Modeling (MCM)
2022 ｜ First-Class Scholarship (Top 3% in the major)
2022 ｜ Second Prize in the Beijing Region of the National College Student Mathematics Competition
2020 ｜ Second Prize in the Anhui Provincial Physics Competition for Middle School Students

HOBBIES & SKILLS

- Proficient in using the pandas library and possess a foundational knowledge of data science
- Solving practical problems using engineering skills, cycling, photography, history, badminton