**Yuzhu Liu**

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**EDUCATION**

**The University of Texas at Austin** Master of Arts, Economics December 2023

*Current GPA: 3.92*

**University of Nottingham** Bachelor of Science (Hons), International Business Economics July 2022

*GPA: 3.72,* Graduate with Highest Honors

**EXPERIENCE**

**Robin Hood**– *Business Intelligence Intern; New York City/Remote*  June 2023 – August 2023

*Robin Hood is New York City’s largest poverty-fighting organization.*

* Design, build, and implement space registration project on the Salesforce platform using Lightning App Builder, Visual Workflow and Process Builder.
* Collaborate with cross-functional teams to gather business requirements and implement solutions using declarative tools.

**UT Austin Governmental Affairs and Initiatives office-** *Data Fellow; Austin* October 2022 – Present

* Feedback Analysis: Conducted analysis of Texas high school instructors survey using R to identify patterns and insights, and visualized frequency data using ggplot2.
* Sankey Diagram: Created Sankey graphs using R to visualize course enrollment and grades for 60k+ Texas high school students.
* Physics 302K One-Page Project: Analyzed and completed data visualization of 3-year student master files using Tableau.

**Global Women Connect Limited (GWC)**– *Operations Officer (Internship), Global Office; Remote* February 2020-Present

*GWC is a global not-for-profit organization with a focus on unleashing the potential of women in different stages of life.*

Business Process and Analytics

* *Process automation and optimization*: lead and work across different functions to develop a digital workflow system to automate external business processes/programs and internal processes and optimize processes with system logic and business intelligence.
* *Workflow implementation and improvement*: Implement all workflow processes including user trainings, user support and continuous workflow process improvement in terms of intelligence, user-friendliness, impact and efficiency.
* *Business analysis*: perform business program analysis (both structure and unstructured data), provide key insights and analytic reports to key stakeholders.
* *Accomplishment*: promoted as the Process Lead after the first major workflow successful implementation that improved process efficiency by over 40% (within 1 year) and automated all external and internal processes online within 2 years.

Operations and Administration

* *Program Process Lead:* Develop the Gemstone W Circle Global Mentorship Program, coordinate fund-raising events, mentor / mentee recruitment and interviews, and oversee day-to-day operations to engage over 100 members, mentors, donors from 39 countries.
* *Record management*: assist COO in defining file management and authorization structure, oversee and facilitate record management compliance by executive teams.
* *Executive Assistant to Chairman & CEO*: including but not limited to meeting arrangement, meeting support, ppt and report creation.
* *Accomplishment*: promoted to become Operations Officer within 1 year and became team leader for 2 operations assistants.

**ACADEMIC PROJECTS**

**Causal Inference: Evidence on the impact of sustained exposure to air pollution on students’ academic performances from Huai River Policy Spring 2023**

* Used regression discontinuity design (RDD) to explore the impact of pollution on students’ academic performance.
* Conducted policy-economics research, combined the China’s heating policy with air pollution.
* Delivered a 3000 words/ 25 pages assignment paper and obtained A on this project.

# Data Mining and Statistical Learning: Flight Delay Prediction for Allianz Travel Insurance Company Spring 2023

* Used R analyze the historical dataset and generated a model that can be used to predict flight delays.
* Developed a report with 300 words and a model implementation, received A on this project.

**LEADERSHIP EXPERIENCE AND ACTIVITIES**

**UNNC Table Tennis Club** –*President*  **Fall 2019 - Summer 2020**

* Oversaw club operations and functions including event organization, publicity, member recruiting
* Developed and executed the club’s annual activities plan and 40% member increase by the end of 1-year presidency.

**ADDITIONAL INFORMATION**

* **Computer Skills:** Stata, R studio, Salesforce, Zoom, MS Word, Excel, PowerPoint
* **Languages:** Native in Mandarin, Fluent in English
* **Honors:** University of Nottingham Award for Outstanding Graduates; University of Nottingham Dean’s Scholarship (Top 10%)
* **Interests:** Table Tennis: 10th place in USA National College Table Tennis Women’s team