

ALAINA HU

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SUMMARY

Third-year economics, psychology, and statistics student with experience in data analysis, research, programming, problem-solving, and leadership. Seeking job opportunities for Summer 2024.

EDUCATION

Honours Bachelor of Science, University of Toronto

2021-Present

GPA: 3.62

Double major in Economics and Psychology; Minor in Statistics

Dean's List Scholar

Relevant Coursework: Microeconomic Theory (A), Probability, Statistics, and Data Analysis II (A+), Big Data Tools and Applied Machine Learning for Economists (A), Applied Game Theory (A-)

Activities: Kappa Kappa Gamma Sorority, Oxford Summer Abroad, USMCSU Community Life Committee, Chinese Christian Fellowship

SKILLS

Languages

Python, R, STATA, Java, C++, Git, L^AT_EX

Tools and Libraries

Pandas, NumPy, Matplotlib, BeautifulSoup, scikit-learn, ggplot2, Microsoft Office Suite

Soft Skills

Leadership, Communication, Collaboration, Time Management, Customer Service

Other

Bilingual in English and Mandarin, CPR/First Aid Certified

EXPERIENCE

Philanthropy Director

January 2024 - Present

Kappa Kappa Gamma

Toronto, ON

- Planned and coordinated the chapter's service and philanthropic opportunities in support of mental health and well-being on campus and in the local community.

Partnerships Associate

November 2023 - Present

UofT AI

Toronto, ON

- Built and maintained relationships with industry firms for events and competitions.

Aquatics Lifeguard

May 2023 - August 2023

Life Time Fitness

Allen, TX

- Ensured the safety of customers in the pool and on the pool deck.
- Trained to rescue swimmers in danger of drowning and able to perform CPR and First Aid.
- Communicated with fellow lifeguards and customers in various situations.

PROJECTS

Research Paper. *Title: The Impact of Paid Maternity Leave on the Gender Wage Gap.* Co-author: Francesca Maldonado Vittar. Analyzed 45 countries between 1990-2022. Used STATA to estimate the effect of the duration of paid maternity leave on the gender wage gap.

Research Paper. *Title: Why Are the Most Successful Companies Located in the Bay Area and NYC? An analysis on the Impact of Institutions on Business Milestones.* Analyzed data with 53570 observations. Used Python Data Science libraries, HTML web-scraping, and GIS mapping to analyze the factors that affected business growth across the 48 contiguous American states.