

# YUJIE WANG

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## EDUCATION

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**Columbia University** New York, NY

*Master of Public Health in Biostatistics, current GPA 4.0/4.0* Expected May, 2023

- Relevant Coursework: Statistical Computing with SAS | Applied regression | Cost-effective Analysis | Survival Analysis

**University of Toronto** Toronto, ON

*Honours Bachelor of Science in Molecular Genetics & Microbiology with high distinction*

*Honours Bachelor of Science in Statistics with high distinction* May, 2021

- Dean's List Scholar
- Relevant Coursework: Programming in Python | Sampling & Experiment Design | Multivariate Data Analysis | Statistical Algorithm & Programming in R | Statistical Inference | Linear Algebra | Bioinformatics Methods | Biochemistry | Immunity and Infectious Disease | Human Genetics

## WORK EXPERIENCE

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**The First Affiliated Hospital of Medical University of Anhui** Hefei, China

*Biostatistician Consultant* June 2020 – Aug 2020

- Independently tested the relationship between children's blood vitamin D level and children's short stature, adjusted for other basic demographic information. Generated regression model and plot reports in R, performed correlation analysis in SPSS.
- Communicated with doctors and more than 50 patients in person to collect accurate clinical data.

**Anhui Anke Biotechnology Group Co., Ltd** Hefei, China

*Research & Development Assistant* June 2018 – Aug 2018

- Collaborated with a team of three to collect and organize small cell lung cancer patients' data using Excel.
- Tested a new drug during the randomized clinical trial stage using survival analysis using R.
- Wet lab experiences: plasmid extraction, Western blot, enzyme-linked immunosorbent assay.

## ACADEMIC PROJECTS

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**University of Toronto** February, 2020

*Fiji Women Fertility Rate*

- Established a generalized linear Poisson regression model to find the relationship between women's education level, the country's policy, and the fertility rate in R.

**Columbia University** April, 2022

*Effects of Bariatric Surgery Treatments in Obesity*

- Assessed the effect of weight loss for two bariatric surgery treatments: gastric banding and gastric bypass surgery. Conducted a cross-sectional regression analysis and a time-series analysis on 450 obese patients using SAS.

## SKILLS

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- Programming: Python (Intermediate) | R (Intermediate) | SAS (Advanced) | SPSS (Beginner)
- Software: Microsoft Word | Microsoft Excel | Microsoft Power Point | TreeAge Pro
- Languages: English | Mandarin
- Certification: SAS Certified Specialist