

Qifan Yang

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EDUCATION

University of Toronto, St. George, Faculty of Art & Science September 2023 - Present
Bachelor of Science

Majors: Mathematical Application in Finance and Economics Specialist & Statistical Major

- **Cumulative GPA:** 4.00/4.00, Dean's list
- **Relevant Coursework:** Software Design, Object-oriented Programming, Data Structures, Statistical Reasoning and Data Science, Probability and Statistics, Multivariable Calculus, Linear Algebra
- **Skills:** Proficient in Python (Pandas), Java, R, SQL, and all Microsoft utilities; experienced in machine learning, data visualization, and software development.

PROJECTS

Software Design with a Java Swing GUI | Java September 2024 – Present

- Adhering to Clean Architecture and SOLID principles while collaborating with a team of five to design an intuitive user interface.

Identifying Opportunities to Accelerate Progress on Sustainable Development Goals (SDG) of the United Nations | R February 2024 – April 2024

- Drafted a project proposal on how Asia countries progress toward SDG Goal #3 Good Health and Well-being and how they can improve.
- Developed a project proposal assessing the progress of Asian countries toward SDG Goal #3 (Good Health and Well-being) using statistical methods including bootstrapping, two-sample hypothesis testing, and multiple linear regression.
- Collaborated in a group of five, presenting findings to diverse audiences with a top-grade achievement (90/100)

Broad Game | Python February 2024 – March 2024

- Designed a game application utilizing hierarchical data structures and inheritance to create modular classes.
- Partnered with a teammate to refine coding practices and improve software functionality.

EXPERIENCE

Teaching Assistant | Zhejiang University June 2023 – July 2023

- Analyzed student performance data using Excel, generating weekly reports that detailed key statistics (mean, median, standard deviation) to support academic improvements.

EXTRA-CURRICULAR

Volleyball Intramurals | Woodsworth Mixed B September 2024 – Present

- Engaged in teamwork and leadership through participation in intramural volleyball.