

# Zhang Yunshu

Tel: +8613759907586 | e-mail: 1633002378@qq.com| Gender: Female

## Education

---

**University of Toronto St. George's, Mathematical Statistics** **Toronto, 2021.09– 2025.06**

- Related courses: Mathematical Theory and Statistical Analysis (double major), Linear Algebra, Mathematical Argumentation, Complex Variables, Nonlinear Optimization, R Language, Python, Organic Chemistry, Inorganic Chemistry, Nutrition, etc.

**University of Manchester, International Exchange Student** **Manchester, 2022.09–2023.06**

- One-year exchange program at the University of Manchester, studied statistics, probability, mathematical group theory, algebraic structure, biotechnology, anatomy, immunology, etc.

## Internship experience

---

**Shanghai LongQi Education Co., Ltd., Assistant Professor** **Shanghai, 2023.06–2023.09**

- Collect data that matches customer needs from CNKI, Google Scholar, Web of Science and other channels.
- Customize personalized teaching video plans according to the teaching aim.
- Assist teaching Canadian OSSD programs (MPM2D, MCR3U).
- Conducted market analysis of the cultural communication industry, optimized the video presentation structure, and received good feedback from customers.

## Project Experience

---

**Microsoft Asia Pacific R&D Group, Data Analytics Assistant** **Toronto, 2022.05–2022.07**

- Use R language to collate and analyze a large amount of data, and deal with missing or wrong values in the data;
- In order to clearly classify the customer flow of Microsoft's offline stores, the R language is used to conduct in-depth analysis of the data, display the analysis results in the form of statistical charts, summarize detailed product profits, costs and other information, write an analysis report on the product profits of offline stores, and report to the person in charge, which is affirmed
- Responsible for the actual related problems displayed in the daily reporting data, and obtain the possibility of improvement of specific products through market research and analysis, which is easy for decision-makers to understand.

**Cold Spring Asian DNA Learning Center, Genetic Experiment Operator** **Suzhou, 2020.08**

- Hands-on SDS, Western blotting, plasmid DNA cleavage and ligation, restriction enzyme analysis, and antibiotic resistance experiments
- From CNKI, Google Scholar, Web of Science and other channels, the application data of genetic engineering in agriculture, manufacturing, medicine and other aspects in the past 3 years were collected, and 8 pages of Word documents were summarized, which summarized the achievements of previous biological genetic engineering and was recognized by experimental supervisors
- Design experiments independently and write experimental reports proficiently.

## Self-evaluation

---

- Familiar with bioinformatics, molecular biology, biochemistry and other related knowledge;
- Strong data analysis and problem-solving skills;

- Familiar with machine learning (ML), programming, and computer languages such as R, Python, etc
- Proficient in the use of biological laboratory related equipment, such as microscopes, centrifuges, PCR instruments, etc.;
- Familiar with the routine operations of biological laboratories, including cell culture, PCR, protein analysis, animal experiments, etc.

### **Skills/Other**

---

Language: TOEFL (102)

Basic skills: Office: PPT, Word, Excel, WeChat public account editing, WiX web design, mind map (MindX).

Programming skills: R, Python, SQL

Biotechnology skills: ImageJ、Multiple alignment software (MUSCLE)

Hobbies: Sports: swimming, badminton, volleyball, Latin, Ukulele