

YANG XICHENG

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EDUCATION

- Xi'an Jiaotong University** Xi'an, China
Supervisor: Prof. Yang Tielin & Prof Guo Yan
Master in Biology(Biomedical Informatics) Sep 2023 – July 2026
GPA:91.02 **IELTS:**7
- Xi'an Jiaotong University** Xi'an, China
B.S. in Chemical Biology (**Honored Graduate**) Sep 2019 – July 2023
GPA: 85.57(3.5/4)

RESEARCH EXPERIENCE

- Biomedical Informatics and Genomics Center, Xi'an Jiaotong University Xi'an, China
Master candidate Sep 2023 – Today
Participate in a machine learning age prediction project and is responsible for:
 - Obtaining and preprocessing of Single Cell Data, Disease Trait and Health-related Trait Data
 - Training of age prediction models using machine learning method
 - Statistical analysis of age prediction model outcomes and health traits (Linear Regression/Logistic Regression/Cox proportional-hazards model)
- Biomedical Informatics and Genomics Center, Xi'an Jiaotong University Xi'an, China
Undergraduate student Sep 2022 – Jun 2023
Conducting a thesis project exploring metabolic and genetic biomarkers and their mechanisms in fracture complicated with deep vein thrombosis:
 - Metabolic profiling and screening for differential metabolite
 - Pathway enrichment analysis and identifying metabolite-associated expression differences using GWAS
 - 2 sample Mendelian Randomization Analysis (e.g IVW, MR-Egger)

SELECTED AWARDS AND HONORS

- Master's Student Academic Scholarship (Grand Prize), Xi'an Jiaotong University 2023-2024
- Undergraduate Student Academic Scholarship, Xi'an Jiaotong University 2021
- 7th China International College Students "Internet+" Innovation and Entrepreneurship Competition (*Provincial Gold Award*) 2021

CAMPUS ACTIVITIES

- Class Monitor in Xi'an Jiaotong University** 2019-2021
- Involved in all academic affairs and communicated with guidance teachers, professional secretaries, dean, and past seniors.
- Director of Yingzai Volunteer Club in Xi'an Jiaotong University** 2019-2022

- Organized events for volunteers to visit in batches the surrounding nursing homes every week

Summer Campus Activities:

- July 2022 Summer Campus in the Xi'an Jiaotong University
- July 2022 Summer Campus in the Shanghai Jiaotong University
- July 2022 Summer Campus in the USTC (University of Science and Technology of China)

SOCIAL ACTIVITIES

Internship at Jiangsu Sincere Biologics Co. Ltd.

July-August 2022

- Demonstrated strong teamwork and communication skills in drug efficacy testing