

JIEKE WU

jack666@mail.ustc.edu.cn • GitHub • Homepage

EDUCATION

University of Science and Technology of China, Hefei, China 08/2021 – 06/2025 (expected)

A third-year undergraduate student at the Department of Life Sciences and Medicine

EXPERIENCE

Simon Fraser University, Wuyang Chen Canada

Research Intern 06/2023 – present

- Learning basic techniques and knowledge of computer vision.
- Exploring image enhancement techniques for medical image databases.

University of Science and Technology of China, Yi Duan China

Research Intern 01/2023– present

- Learning techniques related to animal experiments.
- Learning basic biochemical laboratory techniques.

Suzhou Institute for Advanced Research, Xiaorong Xu China

Research Intern 11/2022 – 09/2023

- Proficiency in finite element simulation software (Comsol and Abaqus) for conducting simulation tasks.
- Designed a micro-needle system for treating deep-seated tissue infections.

Laboratory of Biochemistry & Structural Biology, Congzhao Zhou China

Research Intern 09/2022 – 06/2023

- Studied fundamentals and principles of bioinformatics, with a focus on genome analysis techniques.
- Successfully isolated a strain of cyanobacteria from Chaohu Lake water sample and received recognition and an award at the National University Life Science Competition in the same year.

SELECTED AWARDS

- Third Prize in the 8th National University Life Science Competition 2023
- Outstanding Undergraduate Scholarship, Bronze award 2023, 2022, 2021

SKILLS

Programming Languages: Python, C/C++, Matlab (ranked by proficiency)

Tools and Frameworks: Git, L^AT_EX, PyTorch