

Jing Liang

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EDUCATION

Zhejiang University (ZJU)

September 2022 - June 2026 (Expected)

Major : Plant Protection

GPA: 3.66/4.3 (lowest possible grade: 0, highest possible grade 4.3)

Core courses: Microbiology and Experiment; Probability and Mathematical Statistics; Molecular Biology and Experiments; Python Programming; Biochemistry and Experiment;

RESEARCH EXPERIENCE

Chromosome-Level Genome Annotation Analysis of the Silky Brown Wood Ant (*Formica fusca*)

April 2024 - Present

- A Student Research Training Program of Zhejiang University (S RTP).
- **In the wet lab, I learned routine media preparation, cell culture, cell passaging, and cell cryopreservation techniques.**
- Analyzing the genome at the chromosome level by bioinformatics techniques and comparing with the genomes of similar species within the genome database to research the evolutionary relationships.

Virus Identification In Aquatic Organisms

February 2024 - Present

- Discovered and identified the new viruses (ASGV) in Citrus medica 'Fingered'.
- Using methods such as PCR, gel electrophoresis, DNA/RNA extraction, Full-Length Genome Amplification and Phylogenetic Tree Analysis.

INTERNSHIP EXPERIENCE

International Volunteer Summer Teaching Program in Sri Lanka

August 2024

2024 Winter Term Visiting Scholar Program at the University of Tokyo

February 2024

Director of the Directing Department at Zhejiang University Campus TV Station

2023 September - 2024 June

The Volunteer of The 4th Asian Games and Asian Para Games Hangzhou

September 2022 - October 2023

Zhejiang University Summer Social Practice Program

July 2023 - August 2023

AWARDS AND SCHOLARSHIPS

National Encouragement Scholarship (10%)

Academic Year 2023-2024

First-class Scholarship, Zhejiang University (10%)

Academic Year 2023-2024

Outstanding Student,Zhejiang University(10%)

Academic Year 2023-2024

Outstanding League Member at the Zhejiang University

Academic Year 2023-2024

SKILLS

molecular biology methods: PCR, gel electrophoresis, DNA/RNA extraction

microbiology methods: routine media preparation, cell culture, cell passaging, and cell cryopreservation techniques.

Programming Languages: Python , Xshell

LANGUAGE SKILLS

Chinese: native

English: fluent