

Jason Liu

223 Benner St
Highland Park, NJ

jasonxliu.com
ja766liu@gmail.com

Education

Rutgers University

B.S. of Computer Science - Honors Program
• GPA: 4.0

Sept 2023 – Present
New Brunswick, NJ

Research Experience

Research Assistant

Xing Lab of Genomics, Rutgers University

- Perform analysis on genomic data
- Develop novel genetic analysis pipelines with Python
- Visualize and summarize results through writing and presentation
- Discuss and communicate ideas in lab meetings
- Develop and maintain lab websites ([Xing Lab](#) and [TIC Genetics Study](#))

June 2022 – Present
New Brunswick, NJ

Conference Publications

Liu, J., Xu, M., Schindler, K., Xing, J. (2023 October) Using PAPER to identify active modules in an aneuploidy dataset. MABC 2023, Philadelphia, PA

Liu, J., Sun, S., Xing, J. (2022 October) Predicting embryonic aneuploidy rate and identifying candidate genes in IVF patients using synonymous variants. MABC 2022, Philadelphia, PA

Awards & Honors

Lightning Talk Speaker & Trainee Award

MidAtlantic Bioinformatics Conference

2022

The David and Dorothy Bernstein Endowed Scholarship for Summer Research

Rutgers University - School of Arts & Sciences

2024

Certifications

10-Hour General Industry Safety and Health Certification

Occupational Safety and Health Administration (OSHA)

2022

Specialized Skills

Programming languages - Python, Bash, R, Java, C++

Presentation and written communication

Project design and management

Fluent in Mandarin