

# Jason Liu

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## Education

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### **Rutgers University**

*B.S. of Computer Science - Honors Program*

Sept 2023 – Present

*New Brunswick, NJ*

### **Edison Academy Magnet School**

*Electrical Engineering and Computer Science*

Sept 2019 – June 2023

*Edison, NJ*

## Research Experience

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### **Research Assistant**

*Xing Lab of Genomics, Rutgers University*

- Perform analysis on genomic data
- 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*

### **Founder and Course Developer**

*[Return STEM](#)*

- Make course material and teach lessons in computer science
- Over 100+ students reached in 12 countries

June 2021 – Present

*Piscataway, NJ*

## Conference Publications

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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

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### **Lightning Talk Speaker & Trainee Award**

*MidAtlantic Bioinformatics Conference*

2022

## Certifications

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### **10-Hour General Industry Safety and Health Certification**

*Occupational Safety and Health Administration (OSHA)*

2022

### **Human Research for Biomedical / Clinical Research Investigators 1**

*Collaborative Institutional Training Initiative (CITI)*

2022

## Specialized Skills

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### **Programming Languages**

Python, Bash, R, C++

### **Presentation and Written Communication**

Project design and management

Fluent in Mandarin

## Other Interests

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**Classical Piano:** Solo Performer, Teacher