Jason Liu

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Highland Park, NJ

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Education

Rutgers University Sept 2023 – Present
B.S. of Computer Science - Honors Program *New Brunswick, NJ*
- GPA: 4.0

Research Experience

Research Assistant June 2022 – Present
Xing Lab of Genomics, Rutgers University *New Brunswick, NJ*
- 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)

Founder and Course Developer June 2021 – Present
Return STEM *Piscataway, NJ*
- Make course material and teach lessons in computer science
- Over 100+ students reached in 12 countries

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*

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

Other Interests

Classical Piano: Solo Performer, Teacher