

Junseo Lee

Student at
Stony Brook University

Junseo "Paul" Lee

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Bio

A computational and design thinker with a strong foundation in mathematics and programming, and a passion for human-centered design. Experienced in applying analytical and statistical methods to real-world problems, developing intuitive user experiences, and building ML-powered tools. Skilled at bridging theory and application through teaching, prototyping, and interdisciplinary collaboration.

Experience

Stony Brook University AMS / Teaching Assistant

Aug 2025 - Dec 2025, Incheon, South Korea

Assisting the instructor in teaching by conducting weekly office hours, review sessions, and answering questions via electronic means.

Wolfram Student Ambassador

August 2025 - PRESENT,

Working to inspire people to engage with STEAM by writing computational essays, helping answer questions online, creating content on a variety of platforms and publishing research using the Wolfram Language

Minglz / Co-Founder and Lead UX Designer

March 2024 - PRESENT, Seoul, South Korea

Developing a mobile app to help high school and students connect and collaborate on passion projects. Leading user research, prototyping, and interface design.

Wolfram Summer Research Program / Participant

June 2024 - July 2024, Boston, MA, USA

Intensive research-based program focused on computational thinking and Wolfram Language, culminating in an original project and published computational essay.

Education

Stony Brook University / B.S. in Applied Mathematics and Statistics (Cum. GPA: 3.93/4.0)

Feb 2025 - Attending, Incheon, South Korea

Rigorous interdisciplinary program emphasizing mathematical modeling, data analysis, and computational methods for solving real-world problems in science, engineering, and business.

GIA Micro School / Minerva Baccalaureate Diploma (Cum. GPA: 3.96/4.0; Level of Advanced Proficiency)

Feb 2022 - Jan 2025, Seoul, South Korea

An innovative secondary school program that teaches students essential skills across disciplines, developed to extend the transformational education experience created at Minerva University to benefit secondary school students.

Projects

Linear Algebra and Learning from Data / MIT 18.065

June 2025 - PRESENT

Engaged in advanced coursework and independent projects focused on the intersection of linear algebra and data science. Explored key topics such as matrix decompositions, least squares, eigenvectors, and singular value decomposition, with applications in optimization and machine learning. Applied these concepts to real-world datasets and algorithmic problem-solving.