

KANGHEE LEE

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EDUCATION

COMPUTATIONAL AND APPLIED MATHEMATICS BS (GPA: 3.0)

EXPECTED, JUNE 2025

COMPUTER SCIENCE BS, UNIVERSITY OF CHICAGO

CHICAGO, IL

Coursework: Intro to Computer Systems (CS 154), Discrete Math and Theory of Algorithms (CS 271-272), (Real) Analysis sequence (MATH 203-205)

EXPERIENCE

Teaching Assistant, Masterprep Academy

JUNE 2023 – AUGUST 2023

Prepared curriculum for various levels of mathematics and sciences, such as Enhanced Math 2, AP Biology, and AP Chemistry, in addition to proctoring quizzes to check their understanding. Proctored SAT, ACT, and ISEE test practice exams for students. Taught two classes on AMC 10 and Spanish.

TUTOR

JANUARY 2020 – PRESENT

Taught Differential Equations and Linear Algebra (1 student); Taught Calculus I, II, and III to high school students (10 students); Taught Geometry and Algebra 2 to incoming middle school students (3 students)

CURRICULUM DESIGNER/INTERN, A GREATER GOOD FOUNDATION

JUNE 2022– AUGUST 2022

Fundraised for an in-person community held event to raise awareness for both mental and physical health; **Established** a **Social and Emotion Learning (SEL) curriculum** that adapts based on each student's preferred method of learning (to be implemented soon at a few schools in Chicago, Illinois)

DESIGNER/ENGINEER, IRVINE VOLUNTEER ASSOCIATION

JANUARY 2020 – AUGUST 2021

Engineered two patent ideas to address the homelessness problem in California: document case integrated in a water bottle shape to conceal important documents from theft and a portable shelter to provide comfortable shelter that can be relocated easily

SKILLS

COMPUTER: Proficient in C, C++, Java, R, LaTeX, Microsoft Word, Excel, PowerPoint, basics in Photoshop

LANGUAGES: Native speaker/fluent in Korean, Fluent in English, Intermediate level in Chinese and Spanish, Beginner level in Japanese

INTERESTS: Korean and Japanese language and culture, Music, Community Service, Korean Chess (Janggi)

AWARDS

CONGRESSIONAL AWARD – GOLD MEDAL

The highest level of award given by the Congress for a minimum of **400 hours of community service**, **200 hours of personal development**, **200 hours of physical fitness**, and an **expedition of 4 nights/5 days researching a topic** (researched the disparity of the cost of living between living inland and on an island)

AP SCHOLAR WITH DISTINCTION, AP WITH WE SERVICE RECOGNITION

Wrote a research paper and presented on the issue of healthcare accessibility in the US and presented possible solutions for it using technology.