Sena Lee

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ACTUARIAL EXAMS

Exam P	Passed – March 2024
Exam FM	Passed – June 2024
Exam FAM	Awaiting Results – July 2024

EDUCATION

Duke University — Dec 2023
Master of Science, Computer Science

University of California, Berkeley — Dec 2020
Bachelor of Arts, Mathematics

EXPERIENCE

Mathematics Tutor — Present
- Provided individual tutoring sessions for middle school, high school and college mathematics

Graduate Assistant | Duke Learning Innovation — June – Dec 2023
- Led training workshops and wrote documentation for the campus-wide Learning Management System Transition Project from Sakai to Canvas
- Provided troubleshooting assistance to faculty members with specific concerns

Teaching Assistant | Duke University — Aug 2022 – Dec 2023
- Taught discussion sections, created course materials, led office hours and staff meetings for Applied Probability and Statistics · Discrete Math · Data Structures and Algorithms

Researcher | Georgia Institute of Technology — June – Aug 2020
- Worked on a research problem at the intersection of knot theory and category theory, producing invariants of singular knots using a braided monoidal category
- Presented the work at a poster session; program funded by the National Science Foundation

Intern | National Institute for Mathematical Sciences, South Korea — Jan – Feb 2017
- Assisted with developing mathematical outreach projects focused on applications of math in industry
- Wrote reports on mathematical research institutes and programs

SKILLS

Programming: Python, R, SQL, LaTeX, MS Office
Languages: English, Korean

COMMUNITY INVOLVEMENT

Tutor | DukeLIFE (Lower-Income, First-Generation Engagement) — Aug – Dec 2023
Provided individual tutoring in computer science for lower-income, first-generation college students

Treasurer | ACM-W Duke Chapter — Aug 2022 – May 2023
Organized events for the Duke chapter of Association for Computing Machinery Council on Women in Computing (ACM-W)

Outreach Officer | Women in Mathematics, UC Berkeley — 2018
Planned outreach events, invited guest speakers, and helped organize community-building events