

Education

Brown University Providence, Rhode Island	May 2028
Sc. B. Mathematics - Computer Science and A.B. Education	GPA: 4.0/4.0

Work Experience

AI Engineer Intern Linvest 21 / New York, NY	June 2025 – Aug 2025
<ul style="list-style-type: none">Responsible for framework upgrade of AI investment agent, including agent workflow, database, and concurrencyImplemented agent response validation and evaluation system to improve agent stability and trustworthinessCollaborated with senior engineers to troubleshoot and fix live issues in the production environment	

Teaching Experience

Teacher, Course Developer Lanqiao Future / Zhangjiakou, China	Jul 2023 – Present
<ul style="list-style-type: none">Develop course materials for 5 topics to educate elementary school students about computer science and artificial intelligenceProvide insight on marketing strategy for underprivileged students to understand the initiativeTeach the course remotely and in-person to 20 students 3 times per week	
Computer Science Tutor Self Employed / Remote	Mar 2020 – Mar 2024
<ul style="list-style-type: none">Tutor 2 students weekly on python programming and relevant computer science topicsTaught students from scratch to USACO bronze level programming	
Math Tutor George School / Newtown, PA	Sep 2022 – May 2023
<ul style="list-style-type: none">Offered weekly 2-hour sessions for students of all levels needing help in mathematicsHosted class-specific study sessions before exams	

Research Experience

Technology Use in Classrooms: Student Response vs. Instructional Intent Pioneer Academics	Jan 2023 – Aug 2023
<ul style="list-style-type: none">Investigated the effects of technology use in math classrooms and their relative effectiveness, and devised an explanatory-sequential research designApplied said research on surrounding high schools and compared the relative effectiveness measured in alignment	

Leadership & Awards

Sprint Fellowship Brown University	Aug 2025
<ul style="list-style-type: none">Selected for semester-long award to work with The Met High School located in Providence, RIDeveloped and maintained 5 different scripts and a user-friendly web UI to automate and solve practical challengesManaged administrative tasks and offered one-on-one assistance to students, ensuring their academic progress and well-being.	
Fencing Team Captain & Founder George School	Aug 2022 – May 2024
<ul style="list-style-type: none">Persuaded the school to give permission and funding for building a new sports team and scouted for fencing coachesLead team in daily trainings during the winter season and assisted the coachOrganized weekly off-season training throughout the school year to prepare members for the next sports season	
Math Team Captain George School	Aug 2023 – May 2024
<ul style="list-style-type: none">Organized weekly practice sessions to prepare for competitionsLed the team in taking first place in the Philly Math League	

Skills

Programming Languages & Softwares: Python, Java, C/C++, Racket, Javascript, Isabelle
Packages & Frameworks: Pytorch, Tensorflow, Langgraph, Langchain, SQL, Scikit-learn, Numpy, Pandas, Matplotlib, Fastapi
Systems & Tools: Linux (bash, SLURM), Git, Github, AWS, Jupyter Notebook, Markdown, \LaTeX
Language: English, Mandarin, Limited working proficiency in French

Select Coursework

CS: Computer Systems, Deep Learning
Math: Linear Algebra, Multivariable Calculus, Abstract Algebra