

EXPERIENCE	
GEORGIA TECH COLLEGE OF SCIENCES (Teaching Assistant)	Aug 2024 – Dec 2024
<ul style="list-style-type: none">Teach calculus applications to 30+ students by working through multi-step problems and managing group white-board presentations in weekly 1-hour studio sessions.Create an interactive learning environment for 100+ students by providing feedback on online assignments and clarifying calculus concepts during weekly office hours.	
KPMG (Technology Assurance Analyst)	Jun 2022 – Aug 2022
<ul style="list-style-type: none">Designed Power BI dashboards to monitor over 200 IT control changes during a multi-billion-dollar insurance company’s infrastructure transformation.Investigated over 10 key business process changes while inquiring clients during team walkthroughs.Accelerated IT control data preparation for the audit team by one week using Python (Pandas) and SQL.	
GEORGIA TECH C.E.I.S.M.C. (PEAKS Summer Program Leader)	May 2021 – Jul 2021
<ul style="list-style-type: none">Co-led two-week program for 30+ M.S. students on web game development with JavaScript and Construct 3.Coached 50+ H.S. students for four weeks on four coding and ML modules with Seth Bonder Data camp.Marketed PEAKS program, generating 15% increase in future enrollment by creating informational video.	
GEORGIA TECH EXCEL PROGRAM (Mentor)	Feb 2021 – May 2021
<ul style="list-style-type: none">Developed social skills of five socially challenged EXCEL students by acting out dating/workplace situations.Applied psychology theories of learning including behaviorism and constructivism to reinforce understanding, build confidence, and facilitate dynamic interactions within break-out groups.	

PROJECTS / ACTIVITIES	
GEORGIA TECH: MATHEMATICS and MUSIC RESEARCH	Fall 2023 – Spring 2024
Music Research (https://tinyurl.com/4dw8w3hk)	Spring 2024
<ul style="list-style-type: none">Collaborated with GT School of Music professor to research technical, structural, and artistic innovations in composition and performance that led to the emergence of live electronic ensembles.Investigated how live electronic ensembles paved the way for experimentation with sound, space and Human-Computer Interaction to create state-of-the-art musical productions and performances.	
Mathematics Research	Fall 2023
<ul style="list-style-type: none">Collaborated with GT School of Math professor to research and solve problems in mathematical topics including Cauchy-Schwarz inequality, projections in 4+ dimensions, and Buffon’s needle problem.	
CREATE-X: IDEA-TO-PROTOTYPE	Spring 2021
TradEasy (https://sites.gatech.edu/i2pshowcase2021/home/)	
<ul style="list-style-type: none">Co-directed startup team TradEasy to explore utilizing automated trading bots for business applications.Researched trading strategies and trading bot features including web sockets for data streaming, APIs for order placement, and Python’s NumPy and Pandas for manipulating indicators, positions, and trades.Organized weekly meetings with team mentor to discuss the LEAN startup method and share insights.Pitched potential uses of bots in portfolio management and asset allocation to 40+ teams at I2P Showcase.	
COMPUTER SCIENCE PROJECTS	Fall 2019 – Fall 2022
Artificial Intelligence: Raven’s Progressive Matrices Solver	Fall 2022
<ul style="list-style-type: none">Created program that solves over 100 different RPM problems in 3 seconds using pixel-ratio methods.Utilized NumPy for array handling, cv2 for image processing, and PIL for working with image objects.	
Web Development: Civilization in Contemplation (civincont.com)	Fall 2019
<ul style="list-style-type: none">Created website on history and technical aspects of Byzantine music, Incan mathematics, and Taido.Developed UI features such as dark mode and a contact form using HTML, CSS, JavaScript, and PHP.	

EDUCATION	
GEORGIA INSTITUTE OF TECHNOLOGY (B.S. Computer Science, Mathematics)	Aug 2019 – Dec 2024
<ul style="list-style-type: none">Concentrations: ML/AI, HCI (Human-Computer Interaction), Pure MathematicsOrganizations: Society of Hispanic Professional Engineers, CREATE-X, CEISMC, Excel Program.Recognitions: Graduate with Honors, ZELL Miller Scholarship (top ~5% Georgia H.S. students)	
ARISTOTLE UNIVERSITY OF THESSALONIKI GREECE (Modern Greek)	Summer 2024
<ul style="list-style-type: none">Full immersion program for modern Greek language including reading, writing, and speaking.Achieved A1 level of modern Greek language with School of Philology.	

SKILLS / INTERESTS	
<ul style="list-style-type: none">Technical Skills: C, CSS/HTML/JS, Java, Python, SQL, GitHub, Power BI.Interests: Classical Piano, Greek Folkdance, Origami, Taido martial art instructor.	