

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

PROJECTS / ACTIVITIES	
GEORGIA TECH: MATHEMATICS and MUSIC RESEARCH	Fall 2023 – Spring 2024
Music Research ( <a href="https://tinyurl.com/4dw8w3hk">https://tinyurl.com/4dw8w3hk</a> )	Spring 2024
<ul style="list-style-type: none"><li>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.</li><li>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.</li></ul>	
Mathematics Research	Fall 2023
<ul style="list-style-type: none"><li>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.</li></ul>	
CREATE-X: IDEA-TO-PROTOTYPE	Spring 2021
TradEasy ( <a href="https://sites.gatech.edu/i2pshowcase2021/home/">https://sites.gatech.edu/i2pshowcase2021/home/</a> )	
<ul style="list-style-type: none"><li>Co-directed startup team TradEasy to explore utilizing automated trading bots for business applications.</li><li>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.</li><li>Organized weekly meetings with team mentor to discuss the LEAN startup method and share insights.</li><li>Pitched potential uses of bots in portfolio management and asset allocation to 40+ teams at I2P Showcase.</li></ul>	
COMPUTER SCIENCE PROJECTS	Fall 2019 – Fall 2022
Artificial Intelligence: Raven’s Progressive Matrices Solver	Fall 2022
<ul style="list-style-type: none"><li>Created program that solves over 100 different RPM problems in 3 seconds using pixel-ratio methods.</li><li>Utilized NumPy for array handling, cv2 for image processing, and PIL for working with image objects.</li></ul>	
Web Development: Civilization in Contemplation ( <a href="http://civincont.com">civincont.com</a> )	Fall 2019
<ul style="list-style-type: none"><li>Created website on history and technical aspects of Byzantine music, Incan mathematics, and Taido.</li><li>Developed UI features such as dark mode and a contact form using HTML, CSS, JavaScript, and PHP.</li></ul>	

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

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