

EDUCATION

GEORGIA INSTITUTE OF TECHNOLOGY

B.S. Computer Science, B.S. Mathematics

Aug 2019 – Dec 2024

- Concentrations: ML/AI, Human-Computer Interaction, Pure Mathematics.
- Organizations: CREATE-X, CEISMC, Excel Program, Society of Hispanic Professional Engineers.
- Recognitions: Honors (cum laude), Dean’s List, ZELL Miller Scholarship (top 5% Georgia H.S. students).

ARISTOTLE UNIVERSITY OF THESSALONIKI GREECE

Certificate A1 Level Modern Greek

Jun 2024 – Aug 2024

- Achieved A1 level of modern Greek during an immersive summer program with the School of Philology.

EXPERIENCE

KPMG

Technology Assurance Analyst

Jun 2022 – Aug 2022

- Reduced IT general controls documentation time for the audit team from 3 to 2 weeks using Python (Pandas) and SQL to accelerate Excel capabilities, improving data preparation efficiency by 30%.
- Created Power BI dashboards to track over 200 IT control updates for a Fortune 500 insurance company’s infrastructure transformation, improving data transparency in the IT environment.
- Investigated client IT environment (policy management, change management, logical access) during team walkthroughs to document security, adaptability, and scalability insights for future improvements.

GEORGIA INSTITUTE OF TECHNOLOGY

Georgia Tech College of Science: Teaching Assistant

Aug 2024 – Dec 2024

- Taught calculus problem-solving strategies to 30+ students in group white-boarding studios, resulting in a 9% average performance improvement between midterm and final grade.
- Mentored 100+ students one-on-one on calculus concepts during weekly walk-in office hours.

Georgia Tech C.E.I.S.M.C: PEAKS Summer Program Leader

May 2021 – Jul 2021

- Coached 50+ high schoolers through coding and ML lessons to earn Seth Bonder data science certificate.
- Created video marketing the PEAKS program, generating a 15% enrollment increase from the previous year.

Georgia Tech Excel Program: Mentor

Feb 2021 – May 2021

- Facilitated skill development for five neurodiverse EXCEL students by role-playing professional and social interactions, including workplace scenarios, to develop confidence and interaction awareness.

PROJECTS / ACTIVITIES

GEORGIA TECH RESEARCH

Georgia Tech College of Music: Student Researcher

Jan 2024 – May 2024

(<https://tinyurl.com/4dw8w3hk>)

- Collaborated with GT School of Music professor to research the combination of programming and technology in live music composition and performance.
- 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.

CREATE-X IDEA-TO-PROTOTYPE

Co-director of TradEasy

Aug 2023 – Dec 2023

(<https://sites.gatech.edu/i2pshowcase2021/home/>)

- Co-directed startup team TradEasy to explore and pitch using automated trading bots in portfolio management and asset allocation in small businesses to 40+ teams at Idea to Prototype Showcase.
- 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.
- Communicated insights through weekly discussions on progress with team mentor.

COMPUTER SCIENCE PROJECTS

AI Engineering: Ravens Progressive Matrices (RPM) Solver

Aug 2022 – Dec 2022

(<https://tinyurl.com/mwpmrflhw>)

- Created program that solves 100+ RPM IQ test problems in 3 seconds using pixel-ratio algorithms.
- Leveraged NumPy and knowledge-based AI for solving problems 360 times faster than a person.

Software Engineering: Civilization in Contemplation

August 2019 – Dec 2019

(civincont.com)

- Created website on history and technical aspects of Byzantine music, Incan math, and Japanese martial arts.
- Developed UI features such as dark mode and a contact form using HTML, CSS, JavaScript, and PHP.

SKILLS

- Technical Skills: C, CSS/HTML/JS, Java, Python, SQL, GitHub, Power BI.
- Certifications: Microsoft Azure (In progress).