

Ethan Lam

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EDUCATION

Georgia Institute of Technology

Bachelor of Science in Computer Engineering

Atlanta, GA

Aug 2025 - May 2028

- Thread: Cybersecurity/Signal and Information Processing
- Relevant Coursework: Linear Algebra, Data Struct & Algorithms, Program HW/SW System, Differential Equations
- Awards: Zell Miller Scholarship

EXPERIENCE

Team Member | Trading at Tech Atlanta, GA

Aug 2025 - Present

- Engaged in quantitative finance research and development, learned techniques in trading strategies and analysis
- Collaborated with peers to explore applications of quantitative models in financial markets

Analyst | Georgia Tech Investment Committee - Quantitative Atlanta, GA

Aug 2025 - Present

- Mentored in quantitative finance concepts, portfolio theory, and advanced statistical methods
- Executed quantitative research projects analyzing volatility-based return predictability in U.S. equity markets

PROJECTS

CryptoGame Comparator | Java, JavaFX, REST APIs, JSON (Gson)

- Developed an interactive JavaFX application that compared 100,000+ Steam game prices to 12,000+ real-time cryptocurrency values
- Integrated CheapShark and CoinLore APIs to fetch live game and cryptocurrency data
- Implemented JSON parsing, filtering, and a responsive GUI to display coins relative to the selected game price

LEADERSHIP & ACTIVITIES

President | Chess Buddies Atlanta, GA

Aug 2022 – May 2024

- Led an organization dedicated to teaching chess to 50+ underprivileged children across Metro Atlanta, mentoring students and improving their strategic thinking and problem-solving skills
- Directed and coordinated a 6 person volunteer team to host 65+ events each school year
- Maintained partnerships with 2 afterschool school directors to expand reach and sustain relationships

Competitor | Science Olympiad Marietta, GA

Aug 2022 – May 2024

- Programmed autonomous robot for Robot Tour, navigating mazes under strict time constraints
- Earned over 8 top finishes in various events, demonstrating expertise in scientific problem-solving

Varsity Captain | Walton Math Team Marietta, GA

Aug 2020 – May 2024

- Led varsity math team in regional and state tournaments, teaching 100+ members probability and statistics
- Managed 80+ weekly team meetings and organized tournaments with sponsors

Secretary | DECA Marietta, GA

Aug 2020 – May 2024

- Researched and presented critical information about stocks and financial markets to 60+ members
- Expanded club membership 228% and taught finance education through events and meetings

AWARDS

2x Qualifier AIME

Achieved Top 3 finishes in regional Science Olympiad events: Robot Tour, WiFi Lab, and Scrambler

SKILLS

Programming Languages & Tools: Java, C, Python, Assembly, JSON, REST APIs, HTML, CSS, LaTeX, Linux

Interest: Golf, Basketball, Music, Poker, Investing