

# Ethan Lam

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## EDUCATION

<b>Georgia Institute of Technology</b> <i>Bachelor of Science in Computer Engineering</i>	Atlanta, GA
	Aug 2025 - May 2028
<ul style="list-style-type: none"><li>Thread: Cybersecurity/Signal and Information Processing</li><li>Relevant Coursework: Linear Algebra, Data Struct &amp; Algorithms, Program HW/SW System, Differential Equations</li><li>Awards: Zell Miller Scholarship</li></ul>	

## EXPERIENCE

<b>Team Member   Trading at Tech</b> Atlanta, GA	Aug 2025 - Present
<ul style="list-style-type: none"><li>Engaged in quantitative finance research and development, learned techniques in trading strategies and analysis</li><li>Collaborated with peers to explore applications of quantitative models in financial markets</li></ul>	
<b>Analyst   Georgia Tech Investment Committee - Quantitative</b> Atlanta, GA	Aug 2025 - Present
<ul style="list-style-type: none"><li>Mentored in quantitative finance concepts, portfolio theory, and advanced statistical methods</li><li>Executed quantitative research projects analyzing volatility-based return predictability in U.S. equity markets</li></ul>	

## PROJECTS

<b>CryptoGame Comparator</b>   Java, JavaFX, REST APIs, JSON (Gson)
<ul style="list-style-type: none"><li>Developed an interactive JavaFX application that compared 100,000+ Steam game prices to 12,000+ real-time cryptocurrency values</li><li>Integrated CheapShark and CoinLore APIs to fetch live game and cryptocurrency data</li><li>Implemented JSON parsing, filtering, and a responsive GUI to display coins relative to the selected game price</li></ul>

## LEADERSHIP & ACTIVITIES

<b>President   Chess Buddies</b> Atlanta, GA	Aug 2022 – May 2024
<ul style="list-style-type: none"><li>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</li><li>Directed and coordinated a 6 person volunteer team to host 65+ events each school year</li><li>Maintained partnerships with 2 afterschool school directors to expand reach and sustain relationships</li></ul>	
<b>Competitor   Science Olympiad</b> Marietta, GA	Aug 2022 – May 2024

<b>Competitor   Science Olympiad</b> Marietta, GA	Aug 2022 – May 2024
<ul style="list-style-type: none"><li>Programmed autonomous robot for Robot Tour, navigating mazes under strict time constraints</li><li>Earned over 8 top finishes in various events, demonstrating expertise in scientific problem-solving</li></ul>	

<b>Varsity Captain   Walton Math Team</b> Marietta, GA	Aug 2020 – May 2024
<ul style="list-style-type: none"><li>Led varsity math team in regional and state tournaments, teaching 100+ members probability and statistics</li><li>Managed 80+ weekly team meetings and organized tournaments with sponsors</li></ul>	

<b>Secretary   DECA</b> Marietta, GA	Aug 2020 – May 2024
<ul style="list-style-type: none"><li>Researched and presented critical information about stocks and financial markets to 60+ members</li><li>Expanded club membership 228% and taught finance education through events and meetings</li></ul>	

## AWARDS

<b>2x Qualifier AIME</b> Achieved Top 3 finishes in regional Science Olympiad events: Robot Tour, WiFi Lab, and Scrambler
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## SKILLS

<b>Programming Languages &amp; Tools:</b> Java, C, Python, Assembly, JSON, REST APIs, HTML, CSS, LaTeX, Linux
<b>Interest:</b> Golf, Basketball, Music, Poker, Investing