ANANYA TADEPALLI

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EDUCATION

Stanford University   **Stanford, CA**
Bachelor of Science in Computer Science, Artificial Intelligence Concentration   Expected June 2029

Georgia Institute of Technology   **Atlanta, GA**
Distance Learning Program   May 2025
   Relevant Courses: Linear Algebra • Differential Equations • Multivariable Calculus • Applied Combinatorics • Python • Java

Innovation Academy   **Alpharetta, GA**
High School Diploma– Cybersecurity Concentration, Summa Cum Laude | GPA: 4.0/4.0   May 2025
   Relevant Courses: Advanced Cybersecurity • Calculus • Physics: Mechanics, Electricity & Magnetism • Statistics • Python • Java
   Honors / Awards: National Cyber Scholar • CyberStart CTF Gold Award • Congressional Gold Award • NCWIT AiC Award –
   National Honorable Mention & Georgia Affiliate Winner • IBM Quantum Challenge • President's Volunteer Service Award

SKILLS & CERTIFICATIONS

- **Programming Languages:** Python • Java • C++ • HTML • JavaScript • CSS
- **Tools & Technologies:** Web Design • AWS • Docker • GCP • Git • tensorflow • Excel
- **Certifications:** CompTIA Security+ Certification (Issued June 2024) • IBM Basics of Quantum Information Badge (Issued July 2025) • ISC2 Certified in Cybersecurity (Issued June 2024) • MIT Beaver Works Summer Institute Quantum Software Certificate (Issued August 2024)
- **Programs & Honors:** NSA GenCyber Programs at Georgia State and University of North Georgia • Georgia Governor's Honors Program – Computer Science Major

RELEVANT EXPERIENCE

The Cyber Security Forum Initiative   **Remote**
Cyber Threat Intelligence Intern   September 2025 – Current
- Conducting open-source intelligence (OSINT) gathering to detect and monitor emerging cyber threats and profile threat actors
- Applying industry-standard frameworks such as MITRE ATT&CK and MITRE D3FEND to map common adversary tactics
- Compiling actionable intelligence reports that detail proactive defense strategies and presenting evidence to stakeholders

Georgia Tech Cyber Forensics & Innovation Laboratory   **Atlanta, GA**
Research Assistant   August 2023 – August 2025
- Assisting PhD research focusing on automating the collection of fraud campaign evidence in blockchain transactions through the use of smart contract forensics and advanced data analysis techniques to uncover patterns in activity and attack info
- Using symbolic execution and reverse engineering techniques to trace large-scale attacks through their malicious contracts
- Integrated Maltego and Greed symbolic execution to enhance anomaly detection and visualize transaction paths for accuracy

Cyber Defense Initiative   **Alpharetta, GA**
Founder & President   August 2022 – Current
- Leading a 50-member non-profit organization focused on increasing cybersecurity awareness in the community through lectures at local libraries, frequent blogs, personal cybersecurity tools, and outreach initiatives at local schools (K-12)
- Built Personal Cyber Risk Assessment Tool (P-CRAT) and Windows Tool for Exploit Reporting (Win-TER) for community use

Quantum Computing Research   **Remote**
Independent Research   September 2022 – July 2025
- Studied the impact of Quantum-Safe Cryptography (QSC) on website response under varying network conditions and published research paper in Springer Lecture Notes in Networks and Systems CompCom 2025, Volume 3, LNNS 1425
- Presented at national computing conferences including PEARC 2024- 1st Workshop on Broadly Accessible Quantum Computing, 11th annual Women in Cybersecurity Conference, 13th Computing Conference 2025, and Quantum Tech 2024

Fulton County Cybersecurity Task Force   **Alpharetta, GA**
Student Ambassador   April 2023 – May 2025
- Worked with cyber professionals across the county and district CIO to combat threats and propose cyber awareness policies
- Authored children's storybook *Cyberville Chronicles* that teaches crucial cybersecurity concepts and instills lifelong security habits to younger audiences and worked with task force to deliver the book to school libraries and teachers across the county

Leverage Global Consulting   **Remote**
Cybersecurity Intern   May 2023 – August 2024
- Developed a site-access log analytics module to analyze using the Laravel Framework to identify potential security threats
- Utilized HTML, JavaScript, and PHP to create dynamic interactive dashboards that streamlined the visualization of threats