

ANSHUL CHELAPURATH

CONTACT

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🌐 <https://www.linkedin.com/in/anshul-chelapurath/>

🌐 <https://amchelapurath2023.github.io/>

🌐 <https://github.com/amchelapurath2023>

ACCOMPLISHMENTS

- Selected as 1/5 competitors representing U.S. and NSA for the Cyber Battle of Estonia. Challenges: forensics, cryptography, IOT exploitation, and live red and blue team simulations
- 8th/2500+ teams nationally in AFA CyberPatriot XV (2023). 1st in Maryland in 2022 & 2023 season
- Atoine Kallab Cyber Scholarship Award
- The David A. Kennedy Award
- AP Scholar with Distinction

SKILLS

- Network automation, configuration, and security
- Operating systems hardening
- Programming: Python, Java, Bash
- Frameworks and Tools: AWS, HTML, CSS, Bootstrap, React, Flask, Scikit-learn, TensorFlow, OpenCV, Numpy, Matplotlib, MQTT, SQL, Wireshark, Burpsuite, MetaSploit, Docker, Elastic, Git, Ansible, RTSP.
- Unix, Linux, and Windows

CERTIFICATIONS

- CompTIA Network+
- CompTIA Security+
- CATO Pen Testing Platform

EDUCATION

Expected in May 2026

Bachelor of Science Computer Science: Intelligence And Infoworks Georgia Institute of Technology, Atlanta, GA

- Relevant Coursework: CS 1332: Data Structures & Algorithms, MATH 1554: Linear Algebra
- Startup Exchange Genesis
- Trading Club Member
- Georgia Tech Venture Capital Fellow (GTVC)
- Georgia Tech Web Development (GT WebDev)
- Global Leadership LLC

WORK HISTORY

May 2021 - August 2022

Intern Maryland Innovation & Security Institute, Columbia, MD

- Developed case study on the Colonial Pipeline ransomware attack
- Used Scikit-learn & Tensorflow to trace raw network packets back to applications
- Reverse engineering IOT devices & developing Python scripts to detect when a device is accessed/compromised. Used at multiple cybersecurity conferences to showcase the security risk of smart homes

May 2022 - July 2023

Product Development Lead Loyola Blakefield Cyber Science & Informatics, Towson, MD

- Organized a Capture The Flag (CTF) event that included programming, cryptology, forensics, reverse engineering, web exploitation, and pwn challenges
- Deployed dynamic challenges with Docker containers on a Linode server
- Developed a model IOT town to showcase cybersecurity physically to competitors. Devices included: traffic lights security cameras, electronic billboards, streetlights and a water tower.
- Collaborated with multiple industry & government sponsors to host over 250+ participants

May 2021 - August 2021

Intern Chesapeake Employers' Insurance Company, Towson, MD

- Worked on various helpdesk tasks and configured an automated expense report using Microsoft PowerApps