

# Nathan Sasapan

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## SUMMARY OF QUALIFICATIONS

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Computer Science graduate with hands-on experience in network troubleshooting, system optimization, and technical team leadership. Proven ability to deliver solutions that improve operational efficiency while effectively communicating technical concepts to diverse stakeholders. Seeking to leverage technical expertise in a support-facing Network Engineering role.

## EDUCATION

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### UNIVERSITY OF GEORGIA

Bachelor of Science

Major in Computer Science

Cumulative GPA: 3.5/4.0; Dean's List (4x), Presidential Scholar (1x)

Relevant Coursework: Algorithms, Data Structures, Mobile Software Development, Software Engineering, Networks

Certifications: Network+, Security+, AWS Certified Solutions Architect (In Progress)

Athens, GA

Aug 2020 - Aug 2025

## WORK EXPERIENCE

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### ANSAN GROUP LLC

Network Engineer Intern

Atlanta, GA

May 2024 – July 2024

- Updated network documentation and asset inventory for 50+ devices, improving team efficiency and reducing troubleshooting time by 80%
- Resolved Level 1 network connectivity issues via ticketing system, achieving average resolution time of 15 minutes
- Conducted WiFi coverage analysis across facilities, identifying dead zones and recommending access point placement

### ADAMS BIOCHEMISTRY & MOLECULAR BIOLOGY LAB

Research Lab Assistant

Athens, GA

Feb 2024 – Sep 2024

- Designed and implemented database optimization solution reducing equipment location queries from 20+ minutes to under 2 minutes, improving lab productivity for 15+ researchers
- Created Python scripts to automate gene data processing, saving research teams 15 hours of manual work per week

## UNIVERSITY PROJECTS

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### DREAMHAVEN - UGA HACKS8 Hackathon 1st Place

Feb 2023

- Built a fully functional web app in 48 hours using Python, Streamlit, and ECL, beating 127 competing teams
- Presented technical solution to judges panel, effectively communicating complex system architecture to diverse audience

### CINEBOOK

Jan 2025 - Apr 2025

- Led 5-person development team to build cinema booking platform using Next.js, coordinating bi-weekly standups and sprint planning to keep project on track for semester deadline
- Designed responsive movie database interface with search functionality and user ratings, achieving 95% mobile compatibility score on cross-device testing

## EXTRACURRICULAR

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### UGA FILIPINO STUDENT ASSOCIATION

Media Director

Athens, GA

Apr 2023 - Apr 2024

- Managed multi-phase creative projects with 15+ team members, delivering 4 major productions on schedule and within budget
- Coordinated cross-functional teams and stakeholder communications throughout 6-month development cycles

## ADDITIONAL

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**Technical Skills:** Java, Javascript, TypeScript, HTML/CSS, Python, React, Git/GitHub, Agile, Android, TCP/IP, DHCP, DNS

**Cloud and Database:** MongoDB, Firebase, AWS, Database Optimization, API Integration