

Nathan M Sasapan

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EDUCATION

University of Georgia, Franklin College of Arts & Sciences

Athens, GA

Bachelor of Science in Computer Science

August 2020 - Spring 2025

- GPA: 3.50/4.00

Honors: Presidential Scholar (1 Semester), Dean's List (4 Semesters)

Extracurricular: Filipino Student Association, UGA CodeHub, Association for Computing Machinery (ACM)

Relevant Coursework: Algorithms, Calculus, Computer Architecture, Data Structures, Discrete Math, Mobile Software Development, Networks, Systems Programming, Web Programming, Software Engineering

EXPERIENCE

UGA Center for Teaching and Learning

Athens, GA

Technology Student Assistant

June 2022 - Present

- Troubleshoot failing classroom equipment during live lectures and events, cutting resolution time from 45 minutes to under 15 minutes to minimize disruption for 200+ daily users
- Trained 12 new student assistants on equipment protocols and emergency procedures, improving team response time by 25%
- Created a preventive maintenance checklist for high-use presentation equipment, eliminating 80% of recurring technical failures in lecture halls

Adams Biochemistry & Molecular Biology Lab

Athens, GA

Laboratory Systems Administrator

February 2024 - September 2024

- Managed and maintained comprehensive asset tracking system for 300+ lab computers and specialized equipment, reducing equipment search time from 20 minutes to under 2 minutes per request using Microsoft Access
- Wrote Python automation scripts to process daily gene sequencing data uploads, eliminating 15 hours of weekly manual data entry for research teams

PROJECTS

DreamHaven

Athens, GA

UGAHacks 8 HPCC 1st Place - Full Stack Developer

February 2023

- Built a fully functional web app in 48 hours using Python, Streamlit, and ECL, beating 127 competing teams to win 1st place in the HPCC category
- Designed responsive UI/UX that handled 150+ test users during judging phase, showcasing scalability and performance optimization
- Pitched final product to panel of industry judges, securing victory through clear technical presentation and live product demonstration

CineBook

Athens, GA

Class Project - Team Lead

January 2025 -

- Led 5-person development team to build cinema booking platform using Next.js, coordinating daily 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
- Established Git workflow standards including branch protection rules and mandatory code reviews, reducing merge conflicts by 85% across team

SKILLS

Programming Languages: Java, C, JavaScript, TypeScript, Python, HTML/CSS

Technical Frameworks: React Native, Next.js, SvelteKit, Android, Expo

Development: Git, MongoDB, Firebase, Object-Oriented Programming

Methodologies: Agile (Scrum)