

# Rishab Subramaniyan

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## EDUCATION

### University of Georgia

B.S in Computer Science, Mathematics

UGA Moorehead Honors College, 1550 SAT

May 2028

Athens, GA

- Relevant/Advanced Coursework: Object Oriented Programming with Java, Differential Equations, Multivariable Calculus, Linear Algebra, Discrete Mathematics, AP BC Calculus, and AP Physics C.
- Activities & Societies: MathCounts Outreach, DevDogs, Future Business Leaders of America (Vice President), Boy Scouts of America (Troop Guide, Scribe, Patrol Leader)

## RELEVANT EXPERIENCE

### Nexus Technologies Group

Software Development Intern

Jan. 2025 – May. 2025

Johns Creek, GA

- Developed Teachify, a cloud-native student learning hub, by leveraging AWS services and SageMaker Foundation models to transform unstructured notes into structured, interactive study content.
- Presented weekly to engineering leadership on system architecture, SDLC frameworks, and cost + trade-offs, strengthening skills in technical communication and cloud solution design.
- Demoed Teachify to AWS architects and engineers in Atlanta office, earning feedback on scalability and future expansion, and positioning the product for potential adoption beyond initial internship scope.

### S3 Group Inc.

Software Development Intern

Aug. 2024 – Dec. 2024

Johns Creek, GA

- Developed an automated script utilizing the Atlassian JIRA API and Activity Timeline API to gather employee hours and send project hour logging reminders, improving company time management and project tracking.
- Optimized TMS in accurately identifying weights and optimizing package shipping cost calculations based on bit streams, contributing to cost-effective logistics.
- Leveraged AWS Lambda for serverless execution, ensuring efficient, scalable processing of employee hours and tasks.

### Resumi

Software Engineer

June 2024 – Dec. 2024

Johns Creek, GA

- Developed Resumi, a mobile app for students to create a portfolio of their extracurricular activities and track their academic performance (weighted and unweighted GPA).
- Utilized React Native for front-end and built a robust and secure back-end leveraging GraphQL API, Amazon Cognito OAuth 2.0 sign-in, AWS Amplify, and AWS AppSync for seamless authentication and data synchronization.
- Implemented unsupervised machine learning (k-means clustering) to compare activity similarities across a user's portfolio, providing personalized insights.

## LEADERSHIP & CAMPUS ENGAGEMENT

### MathCounts Outreach at UGA

Tutor

Aug. 2025 – Present

Athens, GA

- Design and deliver weekly math enrichment lessons for 3rd grade students, blending arithmetic practice with strategy-based games.
- Simplify advanced problem-solving concepts into engaging activities to spark early interest and positive associations with mathematics.

### Future Business Leaders of America (Johns Creek)

Vice President

Aug. 2021 – May 2025

Johns Creek, GA

- Competed on behalf of Johns Creek High School at the regional, state, and national levels, ultimately earning 5<sup>th</sup> place in the United States at the 2024 National Leadership Conference in Orlando.
- Designed promotional flyers, managed social media posts, and organized recruitment activities to boost membership while overseeing club financial operations for events and competitions.

## SKILLS & INTERESTS

**Technical Skills:** Java, Python, JavaScript, React Native, AWS Amplify, Cognito, AWS Lambda, AWS Sagemaker, Atlassian Jira.

**Other Skills:** Marketing & Advertising, Leadership, Project Management, Communication, Problem-Solving, Active Listening, Empathy, Creative Thinking