

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

Jan. 2025 – May. 2025

Software Development Intern

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.

Aug. 2024 – Dec. 2024

Software Development Intern

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

June 2024 – Dec. 2024

Software Engineer

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

Aug. 2025 – Present

Tutor

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)

Aug. 2021 – May 2025

Vice President

Johns Creek, GA

- Competed on behalf of Johns Creek High School at the regional, state, and national levels, ultimately earning 5th 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