

SUDHITH MANNURU

Computer Science • Machine Learning • Software Engineering

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SUMMARY

Georgia Tech dual-enrollment student building machine-learning systems for misinformation verification, public-benefit accessibility, and computer-vision analytics. Founder of an international hackathon serving 127 participants and president of a student Machine Learning Club.

EDUCATION

Georgia Institute of Technology — *Dual Enrollment*

Fall 2026

- CS 1301: Introduction to Computing; MATH 1554: Linear Algebra (currently enrolled)

South Forsyth High School — *Cumming, GA*

Expected May 2027

Weighted GPA: 4.64 | Rank: 12/655 (Top 2%) | SAT: 1500 (790 Math, 710 RW)

- **Relevant Coursework:** AP Computer Science A, AP Calculus BC, AP Statistics, AP Physics C: Mechanics

TECHNICAL SKILLS

Languages: Python, Java, JavaScript, TypeScript, SQL, HTML/CSS

Frameworks: React, React Native, Node.js, Express.js, Tailwind CSS

AI/ML: RAG, OpenAI API, Whisper, OpenCV, MediaPipe

Databases/Tools: MongoDB, MySQL, Git, Vercel, Expo, Postman

Algorithms: BFS, A*, Minimax

EXPERIENCE

ThinkNeuro — *Bibliometric Research Intern*

- Selected through a 23% acceptance process to study brain-computer interfaces and neural-signal decoding for neuroprosthetic control.
- Conducted bibliometric analysis in R to examine research patterns and developments within computational neuroscience.

CoachMe2 — *Software Development Intern*

- Redeveloping a nonprofit web platform connecting students with disabilities to instructors and educational resources.
- Building features that generate personalized learning plans based on individual student needs.

iCode — *Coding Intern/Instructor*

- Taught Python and foundational computer science to K–12 students through project-based games and coding applications.
- Guided students through debugging and problem-solving while adapting instruction to different experience levels.

SELECTED PROJECTS

Civitas — *Public-Benefit Navigation Platform*

- Built a platform covering 27 public-benefit programs that generates personalized eligibility guidance, deadlines, required documents, and next steps.
- Revised the onboarding experience after testing the platform with five refugees, improving its clarity for newly arrived families.

NoMae Trust — *Multimodal Misinformation Verification*

- Built a verification platform using RAG, Whisper, and the OpenAI API to evaluate evidence from text, screenshots, images, and audio.
- Earned finalist recognition in the USAII Global AI Hackathon after overcoming a backend failure under deadline pressure.

AnactOrtho — *Computer-Vision Basketball Analytics*

- Developed an OpenCV and MediaPipe system for ball tracking, player movement analysis, automated scoring, and whistle detection.
- Designed Film Room and Recruit Mode workflows for highlight generation, scouting reports, and athlete evaluation.

LEADERSHIP & SERVICE

DreamHacks — *Founder & Executive Director*

- Founded and directed an international virtual hackathon serving 127 participants; secured support from Infosys, MLH, NecturaAI, and Project AAL.
- Coordinated 16 judges, including professionals from Meta, Walmart, Infosys, and Hitachi, while leading technical infrastructure, outreach, judging, and event operations.

Machine Learning Club — *Founder & President*

- Developed and led workshops for students in grades 9–12 covering neural networks, gradient descent, Python, and computer vision.
- Created project-based challenges and mini-competitions that helped students apply machine-learning concepts.

SciFye — *President (11-12th); Vice President (10th)*

- Organized accessible STEM activities—including balloon rockets, slime, and chemistry demonstrations—for students with disabilities.
- Coordinated volunteers, events, and community-service initiatives.

HONORS

- USAII Global AI Hackathon — Finalist
- International RLC Hacks — 6th Place
- AP Scholar with Distinction
- National Service Honor Award — Gold, 250+ service hours
- College Board National Recognition Program
- University of Georgia Certificate of Merit