PROFILE

I am a very strategic and energetic high schooler who is always willing to take risks and take a lead in any important task. My passion revolves around developing technical products to solve real-world problems. I am also passionate about learning and applying AI and Machine Learning to address any challenges in the business world.

CONTACT

PHONE:
678-895-1266

EMAIL:
nuj2210@gmail.com

HOBBIES

Programming
CAD Designing
Reading
Piano
Tennis
Violin

NEAL JOSHI

EDUCATION

Gwinnett School of Mathematics, Science and Technology
2022 – 2026

Current GPA: 4.1

Relevant Coursework: AP Computer Science Principles, AP Computer Science Applications, AP Calculus BC, Science and Engineering Research, AP Science Seminar, AP Science Research

Relevant Clubs and Positions: TSA Webmasters Team Leader (2024-Present), VEX Robotics Team 675E Lead Coder (2022-Present), Cybersecurity General Member (2023-Present), Algorithmic Programming General Member (2023-Present), HackGwinnett Executive Officer (2024-Present)

PERSONAL PROJECTS AND ACCOMPLISHMENTS

Traffic Flow Optimization Using Machine Learning and Fluid Dynamics   2025
I conducted my own research on integrating computer vision and machine learning to analyze traffic flow using computational fluid dynamics.

CyberPatriot Semifinalist   2024
Participated in a cybersecurity to detect and rectify different vulnerabilities in system kernels; became semifinalist qualifiers (84th Percentile).

Social Media AI Predator Catcher   2025
Integrated Google's Gemini AI to analyze conversations and create a workflow depending on the confidence rate of whether a user is a predator or not.

Predictive Analysis Using Web Scraping and Automation   2023
Used Decision Tree Regression algorithm and Selenium to automate web scraping and predict when the next crash would happen in a crash game.

CALICO Bronze Brick Award   2024
Participated in a coding competition hosted by UC Berkley, aimed to strengthen algorithmic approach towards solving problems (65th percentile)