

# Shlok Singh

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## EDUCATION

### South Forsyth High School (SFHS)

Cumming, GA

Focus in Computer Science

Class of 2026

- GPA: 4.3 (W)
- Relevant Courses:** AP Computer Science, Software Technology, AP Precalculus, IB Physics

## TECHNICAL SKILLS

- Programming Languages:** HTML, CSS, JavaScript, Python
- Certifications:** LearnixTech Python and Machine Learning Certification

## PROJECT EXPERIENCE

### AI & ML Researcher

Cumming, GA

*Independent Researcher*

May 2024– Present

- Conducted collaborative research with students from Stanford and Berkeley
- Published academic papers in renowned research organizations.

## RELATED EXPERIENCE

### Pehchaan (Non-Profit Volunteering Startup)

India (Remote)

*Head of Technologies and IT Department*

June 2022 - Present

- Oversaw and directed operations within the IT department
- Volunteered extensively at a non-profit organization during a summer trip in 2022
- Developed and maintained the website, implemented cybersecurity measures for data protection
- Established collaborative partnerships w/ external organizations to secure resources for hosting donation drives

### Chestronics School of Chess, Robotics, Coding

Cumming, GA

*Instructor, Intern, and Curriculum Developer*

June 2024 - Present

- Orchestrated weekly chess meetings, engaging 30+ members and hosting 12 annual tournaments that boosted club visibility and increased sponsorship funding by 25%
- Organized official 20+ USCF rated tournaments and utilized chess technology, boosting participation by 20%

### Prompt Nexus

California (Remote)

*Writer*

June 2024 - Present

- Authored weekly articles on AI and ML topics, achieving 25% increase in readership; detailed in-depth analyses, industry trends, and brief updates to engage and inform a technical audience.
- Engaged with the student community by sharing the latest developments and fostering discussions on emerging technologies.

## LEADERSHIP EXPERIENCE

### Chess Club

Cumming, GA

*President*

August 2022 - Present

- Directed Chess Club activities, growing membership by 50% and organizing weekly strategy sessions that enhanced members' competitive skills and improved tournament results by 40%
- Facilitated chess tournaments and events, promoting skill development and camaraderie among members.

### Sharon Forks Public Library

Cumming, GA

*Teen Advisory Board*

August 2023 - Present

- Contributed ideas and insights to enhance programs and services for fellow teens.
- Partnered with library staff and peers to host 10+ events, recommend 40 new resources, and launch innovative programs, resulting in a 30% increase in community participation and satisfaction

### Mission Martial Arts

Louisville, KY

*Instructor*

August 2019 - July 2023

- Instructed students of various ages in Taekwondo, emphasizing discipline, technique, and physical fitness.
- Designed and led structured classes, tailored to individual skill levels and goals, fostering a supportive and motivating learning environment.

## HONORS & INVOLVEMENT

- National Technology Student Association (TSA) Leadership Conference Drone UAV 6th Place / 1200+ Students
- Top Chess Team in Georgia
- 3rd Place Georgia State Leadership Conference Drone UAV Challenge
- 2nd Place Science Olympiad Regional Tournament
- Varsity High School Tennis - Winner of Level 7 USTA Ranked Tennis Tournament