

Atharva Usturge

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EDUCATION

Morris County School of Technology ▫ *Denville, New Jersey*

Academy of Computer & Information Sciences

GPA: 4.11

Graduation: 2027

Awards: International Computer Science Competition Finalist, Top 20 Garden State CTF, Top 20 picoCTF

Courses:

- ★ Dual Enrolled Courses
 - Computer Programming I
 - Computer Programming II
 - Introduction to Data Science

TECHNICAL SKILLS

Languages: Java, Python, C++, JavaScript, R, HTML, CSS

Tools: Git, VS Code, WPILib, CLI, Linux, RestAPI, FastAPI

EXPERIENCE

First Robotic Competition (FRC) ▫ Denville, New Jersey

June 2025 - Present

8588 Lead Programmer

- Led the development and maintenance of robotic software architecture, including control systems, sensor integration, and motion planning
- Coordinated a team of 25+ programmers, delegated tasks, performed code reviews, and mentored junior members
- Documented software design, APIs, and usage instructions for team reference and onboarding

Kumon ▫ Mount Olive, New Jersey

June 2025 – September 2025

Tutor

- Taught and reinforced foundational math and grammar concepts to elementary school students.
- Assisted students with homework assignments and exam preparation.
- Developed customized lesson plans and incorporated interactive and engaging activities

Grassroots Referee ▫ New Jersey

October 2021 – Present

Referee

- Officiated youth soccer matches, ensuring fair play, safety, and adherence to the rules while maintaining a positive and professional environment for players, coaches, and spectators.

VOLUNTEERING

MCST Summer Camp ▫ Denville, New Jersey

July 2024 & 2025

Volunteer

- Mentored students in the development of video games using GML and C++, guiding them through the creative and technical processes involved in game design.
- Provided hands-on support with coding, debugging, and gameplay mechanics, helping students turn their ideas into playable games

School House World ▫ Online

October 2025 - Present

Computer Science Tutor

- Developed structured instructional slideshows covering AP Computer Science Principles topics, including algorithms, data representation, and computing systems.

EXTRACURRICULARS

- National Honor Society (Present)
- National Technical Honor Society (Present)
- FRC Robotics (2023 - Present)
- Technology Student Association (2023 - Present)
- Competitive Club Soccer (2023 - Present)
- High School Varsity Soccer (2023- Present)
- Multi-Cultural Club (2023 - Present)