Shivam Parikh

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Education

Olentangy Orange High School   Lewis Center, OH
GPA: 4.15 (Weighted) | **SAT**: 1460/1600 | **Rank**: Top 10% (Unweighted)
AP Coursework: World History, Seminar, Computer Science Principles, Physics 1, US History, Research, Computer Science A, Chemistry, Physics C, Calculus AB, Macroeconomics, Microeconomics
Honors: National AP Scholar, AP Capstone, 3X Medalist in Science Olympiad, Scholar Athlete

Experience

Ohio State Univerity
Student Researcher   March 2024 – Present
- Collaborated with Professor Charter Yagman and a PhD student on a research paper exploring code similarity, assisting with data collection related to programming, and conducting data analysis to support research findings.

Olentangy School District Tech Department
Intern   May 2024 – August 2024
- Assisted in preparing for the new school year by installing new computer software, managing hardware inventory, and ensuring all systems were up-to-date and ready for student and staff use.

Ohio State University
Independent Research   April 2024 – Present
- Conducting independent research under the guidance of Sultana Nahar on the solar corona heating problem, focusing on understanding the mechanisms behind the high temperatures in the solar corona.
- Preparing to present findings at a conference in October, demonstrating a strong commitment to advancing knowledge in astrophysics and contributing to the scientific community.

OSU's LADDCS
Research Intern   Aug 2024 – Present
- Assisted in creating annotated masks for UAS imagery; worked with UAS systems mechanics; added to DL/ML dataset. Co-author on upcoming publication.

Leadership and Activities

Red Cross Club
Co-Founder and Event Manager   February 2024 – Present
- Event manager in a branch of the Red Cross that aims to help the community through medical-related services and volunteering. Coordinate all committee meetings of the Red Cross Club.

Science Olympiad
Member   August 2022 – Present
- Competed at various prestigious colleges and high schools in science-based competitions
- 2X state qualified 13X placements (7X medals). 200+ hours of research and testing; 2X Medalist @ states

ITExpolores
Executive Board member   August 2024 – Present
- The club not only introduces middle school students to coding but also provides high schoolers with valuable volunteering opportunities, allowing them to mentor younger students while earning volunteer hours.

Skills & Awards

Technical: Proficient in programming languages such as Python, Java, and HTML, with a strong ability to develop and troubleshoot complex code. Adept at problem-solving and critical thinking.
Language: Spanish(basic), Hindi, Gujurati
Interests: I enjoy coding, playing chess and tennis, running, working on engineering projects, and reading about space.
Awards: AP Scholar with Distinction, AP Capstone, Science Olympiad 2X states, 7 Individual Placement metals in Science Olympiad, Scholar Athlete.