Manas Parasar

(480) 974-0054 | manasphx@gmail.com | Portfolio | GitHub | LinkedIn

EDUCATION:

Paradise Valley Community College (PVCC), May 2026, Associate of Science in Computer Science | GPA: 4.00
Paradise Valley Community College (PVCC), May 2026, Associate of Arts in Mathematics | GPA: 4.00
Arizona Agribusiness & Equine Center (AAEC-PV), May 2026, High School Diploma | GPA: 4.00

TEST SCORES:

SAT | 1530 (770 Math, 760 English)
ACT | 35 (36 Math, 36 Science, 36 English, 33 Reading)

SKILLS:

Languages: Java, Python, HTML, CSS, JavaScript, C/C++, TypeScript
Databases and Frameworks: React, Node.js, Express.js, Firebase
Tools: Git, GitHub, Visual Studio
Soft Skills: Mathematical reasoning, Time management, Attention to detail, Problem-solving with algorithms, Prompt Engineering, Creative problem solving for designing efficient solutions

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CERTIFICATIONS & AWARDS:

Python Essential Training Certification (LinkedIn Learning)
Introduction to Web APIs Certification (LinkedIn Learning)
President's Honor Roll (Paradise Valley Community College)
4.0 Honor Roll (3x, Arizona Agribusiness & Equine Center - Paradise Valley)
Excellence in Science (2024 - 2025, Arizona Agribusiness & Equine Center - Paradise Valley)

EXPERIENCE:

Coding Club Founder/Instructor, Computer Tutor, Trainer, Shelver - *Glendale Public Library*

September 2022 - Current

- Founder and Instructor of a monthly walk-in coding club at the local library for ages 9 to 15, creating an inclusive space where students learn programming through projects in Scratch, HTML, CSS, Python, and Java.
- Plan and teach lesson content while coordinating project direction and allowing students to vote on what to build to keep sessions engaging and collaborative.
- Assist library patrons with a variety of technology and digital resource needs.
- Streamline front desk tasks to improve workflow and efficiency by helping over 25 patrons per session.
- Mentor and lead training for new volunteers at a high-traffic branch, helping support the library's overall operations.

Engineering Club President - *Arizona Agribusiness & Equine Center - Paradise Valley*

Aug 2023 - Current

- President (2025 - 2026), Historian (2024 - 2025)
- Introduce innovative, hands-on engineering projects that give members practical experience and spark interest in STEM.
- Expand club membership by more 120% in less than a year, creating a larger STEM presence on campus.

- Lead collaborative engineering activities to encourage problem-solving, teamwork, and creativity.
- Increase student involvement in competitions and interactive learning.

National Honor Society President - *Arizona Agribusiness & Equine Center - Paradise Valley*

March 2024 - Current

- President (2025 - 2026), Vice President (2024 - 2025)
- Coordinate service events and build partnerships with community organizations.
- Guide more than 50 members in academic excellence, integrity, and leadership development.
- Inspire involvement, service, and character growth within the chapter.

Debate Club/Model UN Member- *Arizona Agribusiness & Equine Center - Paradise Valley*

Aug 2024 - Current

- Hone skills in persuasive speaking, logical reasoning, and problem-solving under pressure.
- Develop adaptive techniques to communicate effectively in challenging and conflicting situations.

Student Government Treasurer- *Arizona Agribusiness & Equine Center - Paradise Valley*

Aug 2023 - May 2024

- Manage a budget of more than $2,000 and create financial plans for school events.
- Analyze costs to support events and ensure transparency by collaborating with officers on expenditures.

Basketball Club Founder - *Arizona Agribusiness & Equine Center - Paradise Valley*

Aug 2023 - May 2024

- Founder of a student-led basketball club to encourage greater student involvement in sports.
- Organize meetings, scrimmages, and training sessions to build a community of all skill levels.

Math Teacher's Assistant - *Arizona Agribusiness & Equine Center - Paradise Valley*

Aug 2022 - May 2023

- Collaborate with teachers to explain mathematical concepts to students step-by-step through problem-solving.
- Provide personalized academic support to strengthen understanding and improve scores by 28% to 30%.

PROJECTS:

National Honor Society Service Hours Leaderboard, Aug 2025

- Develop a web-based NHS Service Hours Leaderboard using React.js, JavaScript, and CSS to efficiently track and display student volunteer hours.
- Implement interactive features for real-time updates and easy navigation, enhancing user experience and engagement.
- Employ the use of role-based dashboard configuration to display up to 4 different types of dashboards depending on the user's role, providing them with different levels of access.
- Host the project on GitHub Pages, enabling accessible and centralized tracking for NHS members and advisors.

Soccer Squad Showdown, Oct 2025

- Developed a full-stack soccer management that allows users to assemble teams, define tactics, and compete through AI or local multiplayer modes.
- Structured the system with a Java-based simulation engine and a Node.js REST API that retrieves both predefined and live player statistics and stores them in MongoDB.
- Implemented tactical systems, such as formations, playstyles, live commentary, and post-match statistics, driven by event-based simulation logic.
- Deployed on Render with automated uptime monitoring to maintain consistent performance without manual oversight.