**Sachin Pandey**

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# **EDUCATION**

**Texas State University –** San Marcos, TX May 2027

Bachelor of Science in Computer Science , Minors: Applied Mathematics, Data Analytics

**GPA: 4.0 / 4.0** | Relevant Courses: **Calculus I and II, Applied Linear Algebra, Prob and Stats, Numerical Analysis II, Discrete Mathematics**

# **Skills**

# **Programming languages:** **Python**, C++, Java, Java Script

* **Tools & Frameworks:** React, Django REST, Node.js, Flask, Firebase, Git, GitKraken, Jira, Agile/Scrum, Bitbucket, GitHub
* **Presentation Skills, Communication, Research Collaborations, Problem Solving, Team Work**

# **EXPERIENCE**

**Student Fellow MathWorks** San Marcos

Texas State UniversityJun, 2024 - Jun, 2024

* Assigned to Mentor 13 top-performing Level 5 students (7th and 8th grade) in an annual summer math program.
* Collaborated with a faculty professor and another fellow to deliver lessons on Logical Reasoning, Number Theory, Algebra, Geometry, and Counting.
* Engaged in group discussions with faculty, fellows, and master teachers after class to evaluate students' progress and learn effective teaching techniques.

**Web Designing and Social Media Intern** San Marcos

The Teacher Reuse: [www.theteacherreuse.org](http://www.theteacherreuse.org)Jan 2024 - May, 2024

* Redesigned and improved the website’s user interface, resulting in a 20% increase in site traffic.
* Increased social media engagement by more than 30% through targeted campaigns.

**Undergraduate Research Assistant** San Marcos

ROY F MITTE TECHNOLOGY & PHYSICS Building, Texas State University Jul, 2024 – Present

* Assisted in data collection for research using IMU sensors (Xsens) and EMG sensors (Cometa), capturing data from 14 participants across four distinct tasks.
* Utilized software tools such as MVN Analyze Pro, EMG and Motion Tool to gather and process sensor data.
* Conducted data analysis using Python, SPSS and Excel, finding insights on muscle fatigue
* Supported the writing of a research paper, poster, help findings and preparing for publication.

**AWARDS & ACTIVITIES**

* Presented the Poster for publication in 21th ASC Conference, Calgary
* Google Data Analytics / Coursera Google Certified Course / 2024
* Advance Google Data Analytics / Coursera Google Certified Course / 2024
* President’s List / Dean’s List / Texas State University / Fall 2023 – Fall 2025

**AFFILIATIONS**

**CodePath | Community Member & Student**  February 2025 – Present