# Sweksha Shaw 925-319-7209, sweksha.shaw@sjsu.edu

#### **EDUCATION**

San Jose State University

June 2028

Bachelor of Science (B.S.) Computer Science

<u>Societies</u>: AI&ML Club - projects team, Girls Who Code, Society of Women Engineers, Responsible Computing Club, Association for Computing Machinery

<u>Relevant Coursework:</u> Data Structures and Algorithms, Introduction to Algorithms, Linear Algebra, Calculus III, Discrete Mathematics

Milpitas High School June 2024

Diploma, 2021 Scholar Athlete award

<u>Relevant Coursework:</u> AP Calculus AB, AP Calculus BC, AP World History, AP Literature, AP Chemistry, AP Computer Science, AP Microeconomics, AP Macroeconomics

#### WORK EXPERIENCE

Private Math Tutor

June 2025 -Present

Self Employed

- 4+ hours of weekly tutoring in Precalculus.
- Facilitating problem solving and discussions
- Creating personalized lesson plans, assigning homework, keeping records of progress
- Maintaining clear communication with students and parents regarding goals and progress.

## **Math Tutor**

Tutorbridge July 2022 - August 2023

- Tutored middle school students in one-on-one sessions.
- Maintained records of progress and created lesson plans
- Built positive relationships with students and parents, reflecting strong interpersonal and communication skills

Student June 2023-July 2023

Girls Who Code Summer Immersion Program

- Used Javascript's p5 library to create short web games
- Learned the fundamentals of game development

# **Software Engineering Fellow**

August 2025-Present

Computing Talent Initiative - Accelerate

- Selected for a year-long professional and technical development program focused on preparing early-stage CS students for competitive internships, research experiences, and open-source work.
- Completing intensive modules in problem-solving, Python programming, software engineering fundamentals, and technical interview preparation.

AI/ML Fellow August 2025-Present

AI4ALL Ignite

- Selected for a cohort of 350+ students across the nation to work on a technical AI/ML portfolio project.
- I will also be receiving mentorship from industry leaders and working on problem solving skills.

Outreach Officer August 2025-Present

### AI & ML Club @ SJSU

- Lead outreach and engagement strategies to grow club membership and increase participation in AI/ML events, workshops, and speaker sessions.
- Collaborate with club leadership to organize and promote technical events focused on machine learning, artificial intelligence, and data science.

#### **SKILLS**

Tech Stack: Java, Python, HTML/CSS, Javascript (p5, react), C/C++, VScode, Git/Github

Languages: Fluent English and Hindi