

Soham Bhowmick

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SUMMARY

Dedicated Computer Science enthusiast skilled in tailoring educational strategies for individual student needs. Strong academic background in hands-on learning, problem-solving, and continuous knowledge acquisition in AI/ML. Highly knowledgeable tutor with a background in various academic subjects. Experience includes providing personalized instruction to students of diverse age groups, improving comprehension, and increasing knowledge retention. Strengths include adapting teaching methods based on student needs, fostering a positive learning environment, and utilizing innovative instructional techniques. Notable impact in enhancing students' academic performance and confidence.

SKILLS

- C++
- Java
- Python
- Swift
- Computer Architecture (x86 Assembly Language, ModelSim and Verilog Programming Language)
- Web Development (HTML, CSS, JavaScript, Node.js, React.js etc.)
- Database Management (MySQL, PostgreSQL, MongoDB, Redis)
- Microsoft Office, Excel, PowerPoint
- Canva
- Adobe Express
- Tutoring
- Student Assistance
- Team Collaboration
- Math Expertise (Algebra, Pre-Calculus, Calculus, Differential Equations, Linear Algebra, Discrete Mathematics, Statistics)
- Science Expertise (Physics-Mechanics)
- Verbal Communication
- Written Communication
- Technology Integration
- Analytical Thinking
- Critical Thinking

EXPERIENCE

Tutor, MSTRC, De Anza College, March 2023-Current
Cupertino, USA

- Addressed tutoring techniques in math and/or sciences, interpersonal skills, cultural sensitivity, and communication
- Participated in annual all-tutor equity training which addressed issues of assumptions, discrimination, biases, and achievement gaps, learning how tutoring can foster inclusion and equity in education
- Displayed patience and active listening while using facilitative feedback to guide students from a variety of disciplines, backgrounds and abilities on math and/or science assignments

- Coordinated schedules with tutees, maintained progress sheets, and explained center policies and procedures clearly
- Assisted with wrap up and set up of center events and staff meetings
- Worked with students from all ages and backgrounds
- Assist students with learning disability
- Participate in mentoring students to assist them in academic or attend tutors' conferences and meetings inside/outside of campus
- Contributed to MSTRC Discord online community of tutors by initiating and contributing to discussion threads
- Training in hosting Zoom, GoBoard, SARs, etc..
- Tools for meetings or conference
- Provide information of provided tutoring services and help direct students to other services on campus or online websites; Operated Zoom conferencing/breakout rooms and provided prompt, courteous and knowledgeable assistance as students entered and exited the online tutoring environment
- Demonstrated proficiency in virtual front-desk reception and student services
- Facilitated students learning in pairs and small groups reviewing math/science concepts and problem solving which necessitated encouraging students in their individual progress while maintaining a positive group dynamic
- Develop and deliver workshops on study skills of math and science specific topics

Club Secretary, South Asian Student Society At De Anza College, August 2022-Current Cupertino, USA

- Supported senior club leadership with planning, records management, and general clerical support
- Tracked meeting action plans and followed up with parties for required coordination
- Supported officers with specific roles by assisting with promotion, financial tracking and correspondence

Club Treasurer, ACM Club, De Anza College, August 2022-Current Cupertino, USA

- Reconciled monthly statements, invoices and expense accounts, keeping records accurate and current
- Executed financial due diligence tasks on daily basis to maintain optimal company finances
- Advised management regarding significant expenditures to keep operations in line with budget limitations
- Arranged meeting agendas, distributed details and documented meeting activities
- Arranged and hosted De Anza College, Diwali event 2022 successfully with other club members
- Helped in preparing social media posts using Canva and Adobe express
- Helped in Outreach

Volunteer, Second Harvest of Silicon Valley, September 2023-December 2023 San Jose, USA

- Assisted with special events or programs
- Maintained clean, neat and operational facilities to serve program needs
- Used strong interpersonal communication skills to convey information to others
- Volunteered with groups and organizations to help make measurable differences for program recipients
- Engaged in community outreach to aid program mission centered on community support and enrichment
- Helped with prep, set up, and breakdown of community and public events
- Offered support and assistance to community members
- Collaborated with others by contributing time, effort and skills to achieve the organization's goals

EDUCATION AND TRAINING

Bachelor of Science

Computer Science, San Jose State University, San Jose CA Expected in May 2026

Associate of Science

Computer Science, De Anza College, Cupertino CA July 2024

All India Senior School Certificate Examination

South Point High School, Kolkata West Bengal March 2022

All India Secondary School Examination (AISSE)

South Point High School, Kolkata West Bengal March 2020

WEBSITES

- <https://www.linkedin.com/in/soham-bhowmick-8462b8215>

CERTIFICATIONS

- CIS 22A: Beginning Programming Methodologies in C++
- CIS 22B: Intermediate Programming Methodologies in C++
- CIS 22C: Data Structures and Algorithms (Java)
- CIS 21 JA: Introduction to x86 Processor Assembly Language and Architecture
- Python Certificate Course, Udemy 2023
- Full Stack Web Development Course, Udemy 2023
- UI/UX Certificate Course, (currently enrolled)
- Member of the Alpha Phi Alpha Chapter of the Phi Theta Kappa Honors Society
- Enlisted in Dean's List since Fall 2022

LANGUAGES

- English, Full Professional

- Bengali, Native or Bilingual
- Hindi, Native or Bilingual
- German, Limited Working

LANGUAGES

English:



Full Professional

Hindi:



Native/ Bilingual

Bengali:



Native/ Bilingual

REFERENCES

References available upon request.