

Dylan Banerjee

Dedicated student with a firm foundation in Mathematics - Computer Science, specializing in Java, Python, C++, and web development languages. With hands-on experience and a Bachelor of Science degree in progress, I am committed to continuous learning and innovative problem-solving.

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EDUCATION

Mathematics - Computer Science (BS), University Of California San Diego

September, 2022 - PRESENT

Minor - Cognitive Science (Machine Learning Discipline)

EMPLOYMENT HISTORY

Instructional Assistant (Introduction to Python) at UC San Diego

September, 2024 - December, 2024

- Support students on learning the fundamentals of Python
- Breakdown misconceptions and offer clarification for students
- A tutor during lab hours to teach concepts and assist with assignments

IT Intern at ASG (American Systems Group)

November, 2022 - September, 2024

- Troubleshooting technical issues, maintaining computer systems, and providing technical support to staff members.
- Hands-on experience in network administration, software installation, and system configuration.

EXTRA-CURRICULAR ACTIVITIES

Stanford Code In Place Leader

April, 2025 - Present

- Teaching live virtual sections to students from around the world about basic Python concepts
- Strengthening coding paradigms and schemes

UPchieve Computer Science Tutor

April, 2025 - Present

- Tutor for low-income high school student across the U.S in computer science
- Teaching concepts in AP computer science courses, allowing for high-quality assistance regardless of socioeconomic background.

Principal Member of Post It With Tritons

October, 2024 - Present

- Vice President and Chief Technical Officer of club
- Creating motivational cards for middle to high school students
- Allowing for a safe space for fellow UC San Diego students to relax and socialize

SKILLS

Java

Git/Github

Python

C/C++

Android App
Development

Javascript

HTML & CSS

React

Matlab

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