Steven Tang

Simi Valley, CA | (805)-864-6637 | steventang1903@gmail.com

Education

University of California, San Diego   La Jolla, CA
Computer Science (B.S)   *June 2025*
- GPA: 3.6
- Relevant Coursework: Software Engineering, Object-Oriented Programming, Data Structures & Algorithms, Database Systems, Operating Systems, Computer Networks

Experience

University of California, Riverside   June 2022 - July 2023
Teaching Assistant   *Riverside, CA*
- Led sessions and delivered lectures twice a week for over 60 students, ensuring a comprehensive understanding of course material.
- Facilitated interactive class discussions to engage students and reinforce key concepts.
- Held regular office hours to provide personalized guidance and address complex topics.
- Collaborated with faculty to enhance the curriculum and deliver effective teaching methods.

Projects

Text Bot Backend | *Javascript, Node.js, MongoDB*
- Developed a text bot for use on a messaging service (discord)
- Implemented services including viewing of stock charts, text moderation tools, and viewing of in-game stats from certain games such as Overwatch
- Constructed a well-rounded backend to allow for exception handling and usage history storage

Document Data Store | C++, Javascript, React, CrowCpp
- Developed a scalable document data store to enable efficient storage, retrieval, and management of structured documents
- Enabled high-speed storage and retrieval operations tailored for JSON structures.
- Implemented advanced indexing for quick search and access capabilities.
- Constructed a simple intuitive frontend interface, enabling seamless online access and interaction with stored JSON documents.

Technical Skills

Languages: C++, Java, C, x86 Assembly, Python, Javascript, HTML, CSS, MATLAB
Technologies: Node.js, MongoDB, Git
Skills: Problem Solving, Communication, Teaching, Teamwork, Public Speaking
Interests: Basketball, Violin, Swimming, Skating, Gaming