

ZHAN XIANG ZHENG

✉ zhanxiangzheng136@gmail.com [in linkedin.com/in/zhan-xiang-zheng-9b962b219/](https://www.linkedin.com/in/zhan-xiang-zheng-9b962b219/) github.com/ZhanXiang136 🌐 zhanxiangzheng.me

SUMMARY — Computer Science and Applied Mathematics student, passionate about AI and game development. Experienced in developing AI solutions and managing IT infrastructure. Skilled in Python, Java, and C/C++, with a strong foundation in data structures, algorithms, and system fundamentals.

TECHNICAL COMPETENCIES

Languages Python, C/C++, Java, JS/TS
Softwares SQL, No SQL, APIs, Git, FastAPI

Frameworks ReactJs, Numpy/Pandas, Flask
Soft Skills Adaptability, Project Management, Agile

EDUCATION

Stony Brook University

Bachelor of Science in Computer Science w/ Honors and Applied Mathematics and Statistics

GPA: 3.95/4.00

Stony Brook, NY

Aug 2023 – May 2026

Relevant Courseworks

Dean's List since Freshman Year

- Computer Science: Advanced Algorithms, Data Structures, Data Science, System Fundamentals, Computational Theory
- Math: Discrete Mathematics, Calculus I-IV, Linear Algebra, Graph Theory, Combinatorics, Probability Theory

WORK EXPERIENCE

Stony Brook University Division of Information Technology

IT Technician Manager

Stony Brook, NY

Oct 2023 – Present

- Communicates and manages logistics for upgrading network infrastructure in the computing lab, benefiting over 500 students and staffs.
- Hand mentors over 12 junior IT interns, boosting a collaborative team environment and enhancing team performance.
- Maintained over 100 campus IT infrastructures, including computers, printers, and audiovisual tools.

JPMorgan Chase & Co.

Junior Developer

Jersey City, NJ

Oct 2021 – Jul 2023

- Led the development of an AI chatbot integrating the company's messaging app with team services, which utilized agile methodology and company software, with the goal of reducing the need for on-call support by over 50% by automating client system status updates and answering client inquiries.
- Developed an API that facilitated seamless data exchange between different company systems, improving data accessibility and reducing data retrieval time.
- Presented chatbot solution across 10+ platform team, resulting in more adoptions and features.

VOLUNTEER / PROJECTS

Stony Brook University Brook Con

Financial Chair

Stony Brook, NY

Jun 2024 – Present

- Manages a budget exceeding \$12,000+ for a convention with over 1,000 attendees, ensuring all financial activities aligned with organizational goals and maintaining accurate records of all transactions.
- Oversee general logistics and served as core executive of the convention, coordinating with various departments to ensure smooth execution of all activities.

Staff and Security Coordinator

Jan 2024 – Jun 2024

- Led security operations for the convention and managed over 50 members, ensuring all operations ran smoothly.

Tau Beta Pi Omicron

Event Coordinator

Stony Brook, NY

Dec 2024 – Present

- Organizes and leads events fund and memorable events for over 50 Tau Beta Pi members

AWARDS / CERTIFICATE

- Tau Beta Pi Honor Society Member (October 2024)
 - Recognized for academic excellence in engineering and technical fields.
- GIAC Foundational Cybersecurity Technologies (GFACT) Certificate
 - Issued by Global Information Assurance Certification (GIAC) on September 8, 2023.
- Third Place Winner, Lockheed Martin Code Quest (2022)
 - Achieved third place in a prestigious coding competition, demonstrating strong programming skills and problem-solving abilities.