

ZHAN XIANG ZHENG

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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

Dean's List 2023, 2024, 2025

- Relevant Coursework: Advanced Algorithms, OOP Data Structures, Data Science, System Programming, Computational Theory, C Programming, Linear Algebra

RELEVANT EXPERIENCE

Google/Basta Software Engineering Program

Mentee

Remote

Mar 2025 – Present

- Selected from a competitive pool for the Google 10-week mentorship program focusing on pair programming, system design, and technical interview preparation.
- Strengthened problem solving, algorithmic thinking, and code optimization under the guidance of a senior engineer.

Stony Brook University Division of Information Technology

IT Technician Manager

Stony Brook, NY

Oct 2023 – Present

- Upgraded network infrastructure supporting **500+ lab users**, improving reliability and near **100% uptime**.
- Mentored and supervised **12+ interns**, applying leadership, agile coaching, and cross-functional collaboration to improve team efficiency and deliver high-quality results.

JPMorgan Chase & Co.

Junior Developer

Jersey City, NJ

Oct 2021 – Jul 2023

- Led the development of an **AI chatbot** that integrates the company's messaging app with team services, using **agile methodology** and company software, with the goal of reducing the need for on-call support by over **50%** by automating status updates of the client's system and answering client inquiries.
- Built **RESTful APIs** enabling seamless data exchange between legacy systems, reducing data retrieval times by **35%**.
- Presented solutions to **10+ platform teams**, applying technical expertise, stakeholder engagement, and effective communication to increase adoption rates and accelerate feature development.

VOLUNTEER / PROJECTS

Personal Portfolio

Developer

NYC, NY

Jun 2024 – Present

- Designed a modular **React** single-page app with 3D Spline animations, typewriter-effect headers, and Framer Motion micro animations for engaging, interactive UX.
- Ensured pixel-perfect cross-browser compatibility using Normalize.css and **responsive design principles**.

Java Web Image Crawler

Developer

NYC, NY

May 2024

- Engineered a **multithreaded Java crawler using JSoup**, with robust error handling, rate-limiting, and retry logic to reliably download thousands of images from web sources.

Stony Brook University Brook Con

Financial Chair

Stony Brook, NY

Jun 2024 – Present

- Managed a budget \$12,000 for more than 1000 attendees of the convention, ensuring financial accountability and alignment with organizational goals.
- Coordinated logistics and served as a core executive, working cross-departmentally to ensure smooth event execution.
- Won Best Program of the Year award for 2025.

SKILLS

- Languages: Python • Java • C/C++ • JavaScript • SQL • HTML/CSS
- Frameworks: React.js • Flask • FastAPI • NumPy • Pandas • Scikit-learn
- Tools: Git • CI/CD Pipelines • Debugging Software • Performance Optimization

AWARDS / CERTIFICATE

- Tau Beta Pi Honor Society Member (October 2024)
- GIAC Foundational Cybersecurity Technologies (GFACT) Certificate
- Third Place Winner, Lockheed Martin Code Quest (2022)