

BENJAMIN TANG

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EDUCATION

Stony Brook University, GPA: 3.3/4.0

Stony Brook, NY

Bachelor of Science in Computer Science

Expected May 2026

- **Relevant Coursework:** Fundamentals of Software Development, Analysis of Algorithms, Data Structures, Principles of Database Systems, Web Security, System Fundamentals I/II

WORK EXPERIENCE

Custodial Engineer, Magnet School of Global Studies and Leadership – New York, NY *May 2024 - Aug 2024*

- Applied standardized cleaning protocols for classrooms and labs, improving cleaning efficiency by 15% and supporting a safe environment for over 500 students and staff.
- Diagnosed and resolved minor maintenance issues such as replacing fixtures, patching walls, and painting to minimize disruption to classroom activities.

Software Engineer Intern, Selective Corporate Internship Pro. (SCIP) – New York, NY *May 2023 - Aug 2023*

- Revitalized the company website, building 3 responsive pages with HTML, CSS, and JavaScript, ensuring cross-browser compatibility and a 30% increase in user engagement.
- Collaborated with the design and marketing team to translate brand guidelines and wireframes into functional web features, ensuring brand design consistency.

Co-Founder/Tutor, BigSib Organization – New York, NY

Nov 2020 - May 2022

- Co-founded a non-profit tutoring program, designing customized curriculum in Python and Java that served over 15 students and improved their average test scores by 25%.
- Mentored students in core computer science concepts like object-oriented programming and data structures, adapting to the habits of students to boost comprehension and facilitate learning.

PROJECTS

ResuMaker | *TypeScript, Next.js, Node.js, Express, Tailwind CSS, MongoDB, OpenAI API* *bit.ly/46bqqpH*

- Developed and deployed a full-stack web application for users to create, store, and manage resumes and cover letters.
- Integrated OpenAI API to provide users with the option to auto generate their documents and enhance their experience.

Chess A.I. | *Typescript, React, CSS*

bit.ly/3JsMVyH

- Designed a front-stack web application using Typescript, React JS, and CSS for users to play chess with their friends locally.
- Implemented the mini-max algorithm with alpha-beta pruning to develop a competitive A.I. opponent for single-player users.

Mock Reddit | *React, Node.js, Express, MongoDB*

bit.ly/46272N0

- Created a full-stack web application that replicates Reddit, allowing users to form communities, create posts, and share content for university's fundamentals of software development course.
- Implemented secure user authentication and comment functionality with replies and real-time updates to mimic core Reddit interactions.

SKILLS

Languages: Javascript, TypeScript, Python, Java, SQL, C/C++

Web Dev: HTML, CSS, React, Next.js, Tailwind CSS, Node.js, Express, FastAPI, MongoDB, Drizzle, Xata, Supabase, Appwrite

Other: Git, GitHub, Docker, Linux, Vercel, Visual Studio Code, Postman, Figma, Google Workspace, Microsoft Office, REST APIs, OpenAI API, OpenCV