

TERRENCE ZHANG

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Education

Stevens Institute of Technology

Sept. 2022 - May. 2026

Bachelor of Science in Computer Science

Hoboken, New Jersey

- **GPA:** 3.9; **Awards:** Dean's List, Lawrence T. Babbio '66 Pinnacle Scholars Program, Edwin A. Stevens Scholarship, Presidential Scholarship Upsilon Phi Epsilon Honor Society

Relevant Coursework

- Data Structures
- Algorithms
- Discrete Structures
- Web Development
- Databases Management Systems
- Systems Programming
- Computer Architecture
- Linear Algebra
- Statistics

Technical Skills

Languages: HTML/CSS, JavaScript/Typescript, Python, Bash, Java, C/C++

Frameworks/Libraries: Node.js, React.js, Next.js, Express.js

Tools: Git, Linux (Ubuntu/Fedora), Docker, CI/CD, MongoDB, Firebase, PostgreSQL, Wordpress

Projects

Social Media Web App | *Next.js, Typescript, Prisma, TailwindCSS*

September 2023

- Created a fullstack web application inspired by popular social media app Reddit using Next.js 13.
- Used Prisma ORM to connect Next.js backend to Vercel-hosted PostgreSQL database.
- Implemented user authentication and authorization using NextAuth library.
- Utilized TailwindCSS and CSS media queries to create a fully mobile responsive website.

Calendar Web App | *React.js, Typescript, Supabase, Redux, TailwindCSS, Vite*

November 2023

- Built a calendar web application using React.js and Vite.
- Used Supabase for user authentication and authorization as well as storing user data.
- Utilized Redux for state management in the frontend.

Rutgers Hackathon | *React.js, Express.js, MongoDB*

October 2023

- Led a team of 4 in designing and building a fullstack MERN forum web application.
- Successfully delivered functioning application within 24 hours.
- Utilized Git for version control and managing push/pull requests.

Python Chess Program | *Python, Pygame*

December 2023

- Developed a chess program in Python that includes all the basic rules as well as special moves like castling, promotion, and en passant.

Media to ASCII Converter | *C++, OpenCV*

January 2024

- Developed an application in C++ that reads media files using OpenCV and converts their pixels into ASCII which is then displayed in the terminal.

Experience

Tech Incubator for Queens College

June 2022 – August 2022

Software Engineer Intern

Remote

- Designed and programmed a chat web application using React.js, Node.js, and Socket.IO.
- Built apps for clients using GlideApp and Wordpress while also accomplishing the work in a timely manner.

Charleys Philly Steaks

November 2020 – Present

Cashier

Staten Island, New York

- Provided excellent customer service by greeting customers, addressing inquiries, and resolving issues in a prompt and professional manner.
- Efficiently handled multiple tasks simultaneously, such as processing transactions, relaying orders, and maintaining a clean and organized workspace.