

Yifeng Zheng | Software Engineer

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Education

B.S., Computer Science, Brooklyn College - Brooklyn, NY May 2023

- Dean's List: Fall 2019-Spring 2023
- Relevant Courses: Intro to Java, Intro to Modern Programming Techniques, Data Structures, Discrete Math, Algorithms, Database Management Systems, Game Design, Software Engineering, Platform Programming

Tech Talent Pipeline Residency Program January 2021 - Present

- Participated in a 4-week web development Bootcamp learning in-demand technologies such as ReactJS, Redux, NodeJS, Express, PostgreSQL, Sequelize, and Git
- Applied taught knowledge in multiple full-stack applications throughout the Bootcamp and summer internship

JavaScript Algorithms and Data Structures, freeCodeCamp January 2023

Backend Development and APIs, freeCodeCamp January 2023

Projects

Aestimogram July 2023

- A ReactJS-based clone enables users to sign up, create posts, like content, and explore other users' posts, leveraging Zustand for efficient state management and Firebase for streamlined data handling
- Offers an intuitive platform for account creation, post sharing, and engagement via likes, utilizing ReactJS for a dynamic interface and Zustand for effective global state control
- Integrates Firebase to handle user authentication, real-time databases, and multimedia storage, providing a robust foundation for its Instagram-inspired functionalities.

Panda Chat July 2023

- A live web app utilizing ReactJS, Zustand, and Firebase to facilitate dynamic real-time communication
 - Interactive live web application, employing ReactJS, Zustand, and Firebase to enable seamless, efficient messaging and deliver a responsive and feature-rich communication platform.
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Experience

TYCA, NY, NY June - August 2021

Software Developer Intern

- Spearheaded Full-Stack web development under the Gitflow process, leveraging diverse technologies to establish a robust project management framework tailored for substantial undertakings
- Orchestrated a remarkable 20% improvement in a PostgreSQL database's efficiency by seamlessly integrating the Sequelize ORM, optimizing data management processes
- Revamped a critical business-oriented front-end web application using React, React Hooks, GraphQL, and functional programming, amplifying its usability and effectiveness

Marshall Chess Club, NY, NY 2018 - Present

Assistant Club Manager/ Tournament Director

- Orchestrated 50+ chess tournaments annually, seamlessly managing a diverse participant roster of 70+ individuals per tournament
 - Exhibited proficient managerial capabilities in roles as Assistant Club Manager and Certified Tournament Director, ensuring meticulous oversight of operations and events
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Skills

Technologies: Android Studio, Apollo GraphQL, CSS, Expo, Express, Firebase, Git, HTML, Java, JavaScript, Jest, NodeJS, PostgreSQL, ReactJS, Redux, Sequelize

Soft Skills: Problem-solving, Critical Thinking, Adaptability, Teamwork, and Collaboration, Time Management, Leadership and Management