

Yifeng Zheng | Software Engineer

Brooklyn, NY | (646)886-0377 | yifengzheng.nyc@gmail.com | <https://yifengzheng.netlify.app/>
<https://github.com/yifzheng> | <https://www.linkedin.com/in/yifeng-zheng-247173142>

Education

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

- Dean's List: Fall 2019 - Spring 2023
- Relevant Courses: Data Structures, Discrete Math, Algorithms, Database Management Systems, Game Design, Software Engineering, Platform Programming, Machine Learning

Tech Talent Pipeline Residency Program January 2021 - August 2021

- 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

Splittr | *splitter-tif.vercel.app* August - September 2023

- A Next.js web application with dynamic screen layouts to generate receipts and identify the contributions of each of your acquaintances during gatherings and dining occasions
- Built using Next.js, MongoDB, Mongoose, Next-Auth, TailwindCSS, Google ReCaptcha

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.
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Experience

Marshall Chess Club, NY, NY August 2018 - Present

Assistant Club Manager/ Senior 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

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
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Skills

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

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