

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

Deer Diary February-May 2023

Github: <https://github.com/yifzheng/DeerDiary>

- Digitized the classic diary concept while maintaining creativity and improving privacy security
- Developed with Android Studio Java and Firebase
- The project is planned and developed conforming to agile model methodologies

Calculator February 2023

Github: <https://github.com/yifzheng/Android-Applications/tree/master/Calculator>

- Implemented the calculator app available on iPhone using Android Studio with Java
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Experience

TYCA, NY, NY June - August 2021

Software Developer Intern

- Contributed to full-stack web development projects following the Gitflow process, utilizing a diverse range of technologies to manage large-scale projects
- Enhanced the performance of the PostgreSQL database by 20% through seamless integration of the Sequelize ORM.
- Revamped the front-end web application used for daily business operations by 40%, leveraging React, React Hooks, GraphQL, and functional programming.
- Enhanced web application stability and functionality by 10% through comprehensive code validation and debugging using Jest.
- Developed a streamlined database import/export functionality that improved business management efficiency by 50%.
- Identified and resolved 5% of bugs in the development codebase while maintaining consistency between React Native-based iOS and Android mobile applications

Marshall Chess Club, NY, NY 2018 - Present

Assistant Club Manager/ Tournament Director

- Organize and oversee 50+ chess tournaments annually, managing a diverse participant base of over 70 individuals per tournament
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Skills

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