# Syed Faizullah

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## EDUCATION

**The City College of New York**                                                    Exp. Grad: Dec 2024

Bachelor of Engineering, Computer Engineering                                              GPA: 3.5

- **Relevant Courses:** Data Structures, Algorithms, Software Design, Operating Systems, Digital Integrated Circuits, Computer Organization, Digital Design using Verilog

## SKILLS

- **Programming languages:** HTML, CSS, JavaScript, TypeScript, Java, C, C++, SQL, MATLAB, Verilog HDL
- **Technologies:** Next.js, React, Bootstrap, Tailwind CSS, Prisma, Ajax, Firebase, Google Cloud, Vercel, Figma

## ENGINEERING PROJECTS

**Well Being App**                                                                              Oct 2023

- Developed a mental health platform using Next.js, TypeScript, Tailwind CSS, Prisma (ORM), and SQLite, offering users daily thoughtful prompts for self-reflection. Integrated Next-Auth and Google OAuth for secure user authentication, creating a seamless and personalized experience.
- Led end-to-end development, ensuring responsive design, interactive features, and efficient data management. Integrated user authentication to allow users to log in, post daily reflections in response to prompts, and revisit.

Skills: Next.js, TypeScript, Tailwind CSS, Prisma (ORM), SQLite, Next-Auth, Google OAuth

**Android Fitness App**                                                                         May 2022

- Created a user-friendly interface with dynamic views, ensuring intuitive data input and tracking for workout progress. Implemented multiple fragments for organized content display, enhancing app usability. Utilized Android Studio and Gradle for efficient app development, optimizing performance and user experience.

Skills: Java, XML, Android Studio, Gradle

## EXPERIENCE

**Educational Support Manager**                                                    Sep 2022 - Present

CUNY Research Foundation, New York, NY

- Spearheaded initiatives to enhance user acquisition strategies, resulting in an outstanding 150% increase in user sign-ups. Implemented targeted marketing campaigns and user feedback mechanisms, tailoring educational resources to meet the specific needs of the users.
- Collaborated with software engineers to develop customized data visualization dashboards, leveraging collected data to identify patterns and trends, thus informing strategic decisions for product development and user engagement.

**Teaching Assistant & Administrative Support**                                     Jul 2023 – Aug 2023

CCNY Stem Institute, New York, NY

- Assisted in teaching app design classes, providing hands-on guidance to students in programming, user interface design, and software development. Facilitated workshops on popular programming languages and development tools, enhancing students' understanding of software engineering principles.
- Implemented data normalization techniques to create efficient and optimized database schemas, enabling seamless data retrieval and analysis. Regularly maintained and updated the database to reflect current student information, demonstrating meticulous attention to data integrity and consistency.

## Certifications

**HTML, CSS, and JavaScript for Web Developers**                                               Nov 2023

John Hopkins University

Skills Gained: HTML5, CSS, JavaScript, Bootstrap, Ajax