

# Faaizuddin Farooqui

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## EDUCATION

### University of Illinois at Chicago

B.S. in Computer Science, Minor in Mathematics, Minor in Finance

Chicago, Illinois

Aug 2022 - Dec 2025

- o **GPA:** 4.00/4.00
- o **Related Coursework:** Data Structures & Algorithms, Objects & Design, Computer Organization & Programming, Discrete Mathematics, Mobile Development, Object-Oriented Programming, Statistics & Applications

## SKILLS

**Programming Languages:** Java, Python, JavaScript/Typescript, HTML/CSS, SQL, C++, C, Flutter

**Technologies:** Tailwind CSS, Docker, Next.js, Node.js, AWS Cloud, ASP.NET, .NET

**Tools:** Android Studio, IntelliJ, PyCharm, Eclipse, Git, VSCode, Figma, Vercel

## EXPERIENCE

### Panacea

Software Engineering Intern

Brooklyn, New York

Jul 2024 – Present

- Enhanced data fetching and code reusability for engineers by utilizing GraphQL client and custom React hooks with **TypeScript** and **GraphQL**, leading to a more efficient codebase and improved development workflow.
- Increased platform usage by approximately 10% through the transformation of Figma designs into intuitive UI components using **React** and **Tailwind CSS**, significantly improving user experience and visual appeal.

### UIC Electronic Visualization Laboratory

Software Engineering Intern

Chicago, Illinois

Jun 2023 – Aug 2023

- Developed a web application using **Node.js** and **Express**, integrating The Movie Database API to practice data retrieval and **TypeScript** for improved code quality
- Refined front-end skills by creating interactive UI components with **React**, demonstrating potential for real-world applications

### CodePath

Tech Fellow

Remote

Jun 2024 – Present

- Guided **200+** software engineer candidates through a technical interview preparation course, leading breakout room sessions for engagement and mentoring on **data structure and algorithm** problems

### UIC College of Engineering

Computer Science Teaching Assistant

Chicago, Illinois

Jan 2023 – Dec 2023

- Prepared and conducted weekly tutorials for over **350** students in computer science courses (CS 109 and CS 151)
- Explained programming concepts, leading to a **15% increase** in average exam scores and course comprehension

## PROJECTS

### TaskTeam

Personal Project

[Website](#)

Aug 2024 - Present

- Developing a social accountability app, combining to-do list functionality with social networking features
- Users form groups with friends and are held accountable for their tasks or habits, collectively losing or gaining points
- Developed landing page using **Next JS**, **Typescript**, and **Tailwind** to showcase product value proposition

### Sorting Visualizer

Personal Project

[Website](#)

Apr 2024

- Developed application to visualize **sorting algorithms**, including bubble, selection, insertion, merge, and quick sort
- Implemented the **provider pattern** for context management to handle and distribute the state of sorting parameters and visualizer settings across components (**Next.js**, **TypeScript**, **Tailwind**)

### CLI Commands REST API

Personal Project

[GitHub](#)

Dec 2023- Jan 2024

- Developed a REST API to solve the issue of forgotten command-line instructions by storing command snippets with descriptions, utilizing ASP.NET Core and PostgreSQL for robust back-end management
- Implemented scalable design patterns, such as dependency injection and repository patterns, to ensure maintainable code. (**ASP.NET Core**, **MVC**, **C#**, **PostgreSQL**, **Docker**)