

Rafid Iftekhar Zia

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Education:

City College of New York, Grove School of Engineering

Expected Graduation: May 2024

Major: Computer Science, B.S.

Relevant Coursework: Introduction to Computer Science, Discrete Mathematics, Data Structures, Algorithms, Software Design Laboratory

Experience:

Android Engineering Fellow, CodePath

August 2022-November 2022

New York, NY

- Developed Android apps using Kotlin on Android Development Studio 4-5 hours a week to develop a total of 10 functioning apps
- Coached by current software engineers working in Google and Instacart on app development and using Kotlin to solve real-world problems
- Utilized APIs such as NYT API and The Movie Database to provide accurate and relevant information in real-time

Software Engineering Fellow, Headstarter

June 2022 – July 2022

New York, NY

- Developed React.js projects assigned by companies such as Google and Yelp to solve realistic problems faced in the tech industries
- Collaborated with other Software Engineering Fellows to develop projects using MVC design patterns for a total of 5 projects
- Coached by 10x Hackathon winners and current Software Engineers working in Google and Capital One on development strategies and our 5-year plan moving forward

Projects

Tetris Clone | C#, Unity 3D, Game Development

- Implemented game development knowledge to analyze game mechanics of Tetris and replicate them in Unity 3D
- Conceptualized and coded C# scripts to implement gameplay mechanics
- Incorporated Unity 3D Canvas components to construct UI elements such as a starting menu and an options screen

Pong Clone | Python, Game Development

- Analyzed game mechanics of Pong to conceptualize and construct a Pong clone using Python 3.0
- Utilized knowledge of turtle module to craft a functional Pong game

Resume Parser | JavaScript, React.js, Express.js

- Crafted a webpage using a React.js framework for the front-end with CSS and JavaScript elements
- Developed a backend using Node.js and Express.js where resumes can be uploaded and parsed for relevant information

Skills:

- Programming Languages: C#, C++, Python, JavaScript, HTML, SQL, Kotlin
- Frameworks: Unity 3D, React.js, Express.js, Node.js, Android Studio
- Proficient in WordPress, LaTeX