

# JAMAL KHADIR

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## EDUCATION

### Fordham University

New York, NY

B.S. in Computer Science

Aug 2020 – May 2024

- GPA: 3.84/4.00 | Honors: Phi Kappa Phi Honor Society, 3 Years on the Dean's List
- Relevant Courses: Computer Algorithms, Data Structures, Data Mining, Database Systems, Java Programming, Theory of Computation, Computer Organization, Operating Systems, Bioinformatics

## EXPERIENCE

### Grassroots Grocery

Bronx, NY

Software Engineer Intern

Jan 2024 – May 2024

- Boosted volunteer engagement at food donation events by over 30% using ReactJS, JavaScript, Firebase, and Railway to develop a digital rewards system and new features for the volunteer portal
- Designed an intuitive admin portal using TypeScript to serve as a front-end event-management interface for non-technical users, increasing scalability of operations to more sites around New York
- Automated communications between administrators and volunteers using Airtable, Twilio, and Front

### Springer Capital

Queens, NY

Software Engineer Intern

Aug 2023 – Dec 2023

- Leveraged Python to create scripts for efficient data filtering, improving processing speed by over 25%
- Achieved an increase in client interaction by over 20% using JavaScript, HTML, and CSS on company website to build responsive layouts that support all devices, enhancing overall usability

### Fordham University

New York, NY

Computer Science Teaching Assistant

Aug 2022 – May 2023

- Led groups of students that were learning C++ by reviewing lectures and technical problems, accomplishing better retention of material proven through an increase in the mean final grade by 6%
- Spearheaded group discussions, assisted with questions, and expanded on knowledge

## PROJECTS

### Live Chat Application ReactJS, NodeJS, JavaScript, SocketIO, HTML, CSS

[jamalkhadir-chatapp.netlify.app](https://jamalkhadir-chatapp.netlify.app)

- Developed a full-stack chat application which connects users end-to-end within various rooms
- Implemented ReactJS for the front-end and improved back-end functionality using SocketIO, eliminating unnecessary HTTP requests and improving server response times by 60%
- Deployed front-end on Netlify and back-end on Heroku

### Crypto Currents ReactJS, NextJS, JavaScript, HTML, CSS

[crypto-currents.vercel.app](https://crypto-currents.vercel.app)

- Created a dynamic service that displays real-time data of the top 30 most volume-abundant cryptocurrencies using the CoinGecko API
- Used ReactJS for the front-end and leveraged NextJS for the back-end to optimize code splitting and server-side rendering, reducing latency by over 50%
- Deployed to production using Vercel

### Codle ReactJS, NodeJS, JavaScript, HTML, CSS

[jamalkhadir.github.io/Codle](https://jamalkhadir.github.io/Codle)

- Recreated the game "Wordle" in which a user has 6 guesses to determine a randomly generated 5-letter word while receiving hints based on words guessed, but redeveloped with only coding words
- Built out a fully functional on-screen keyboard for mobile users
- Deployed using GitHub Pages

## SKILLS

**Languages:** C++, C, Java, Python, JavaScript, TypeScript, HTML, CSS, SQL

**Technologies:** ReactJS, NodeJS, NextJS, Express, MySQL, MongoDB, Linux, Unix, Git