

# JAMAL KHADIR

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## EXPERIENCE

### Success Academy Charter Schools

New York, NY

Homeroom Teacher

May 2025 – Aug 2025

- Implemented engaging lesson plans to increase student engagement and participation by over 20%
- Integrated Google Classroom and ParentSquare to foster an inclusive environment through open lines of communication between teacher, student, and parents
- Participated in professional development training to master principals of classroom management

### Grassroots Grocery

Bronx, NY

Software Engineer Intern

Dec 2023 – 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 spearheading discussions
- Accomplished better retention of material proven through an increase in the mean final grade by 6%

## 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 the words they guessed, but redeveloped with only coding-related words
- Built out a fully functional on-screen keyboard for both computer and mobile users

## SKILLS

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

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

## EDUCATION

### Fordham University

New York, NY

B.S. in Computer Science

Aug 2020 – May 2024

- GPA: 3.8/4.0 | Honors: *Magna Cum Laude*, Phi Kappa Phi Honor Society, 3 Years on the Dean’s List