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, 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   *Dec 2023 – May 2024*
- Developed new features for the volunteer portal using ReactJS, JavaScript, Firebase, and Railway, driving an increase in volunteer engagement by over 30% through a digital rewards system
- Designed the admin portal using TypeScript to serve as a front-end interface for non-technical users
- Automated communications between administrators and volunteers using Airtable, Twilio, and Front

Springer Capital   **Queens, NY**
Software Engineer Intern   *Aug 2023 – Dec 2023*
- Achieved an increase in client interaction by over 20% using JavaScript, HTML, and CSS on company website to build new features, enhance pre-existing functionality, and improve routing
- Leveraged Python to create scripts for efficient data filtering, improving processing speed by over 25%

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
- 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 the need for new 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
- 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
- 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