

JAMAL KHADIR

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EDUCATION

Fordham University

B.S. in Computer Science

New York, NY

Aug 2020 – May 2024

- GPA: 3.8, 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

Software Engineer Intern

Bronx, NY

Dec 2023 – May 2024

- Developed new features for the volunteer portal using React, JavaScript, Firebase, and Railway to drive an increase in volunteer engagement by over 30% through digital rewards for past involvement
- 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 FrontApp

Springer Capital

Software Engineer Intern

Queens, NY

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
- Maintained SuiteCRM and used Python to create and implement scripts to efficiently filter information
- Verified that automated task flows were functioning properly using Power Automate

Fordham University

Computer Science Teaching Assistant

New York, NY

Aug 2022 – May 2023

- Led groups of students, assisted with questions and expanded on knowledge, resulting in better retention of material proven through an increase in the mean final grade by 6%
- Reviewed lectures and software engineering exercises, as well as spearheaded group discussions

PROJECTS

Live Chat Application *React, NodeJS, JavaScript, SocketIO, HTML, CSS*

jamalkhadir-chatapp.netlify.app

- Created a full-stack application which connects users end-to-end within various rooms via distinct room IDs and allows them to chat with each other in real time
- Implemented React 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 *React, NextJS, JavaScript, HTML, CSS*

crypto-currents.vercel.app

- Developed a service that displays various features of the top 30 most volume-abundant crypto currencies while updating in real time using the CoinGecko API
- Used React 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 *React, NodeJS, JavaScript, HTML, CSS*

jamalkhadir.github.io/Codle

- Recreated the game "Wordle" in which a user has to determine a randomly generated 5-letter word while receiving hints based on words guessed, but redeveloped with only coding related terms
- 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: React, NodeJS, NextJS, Express, MySQL, MongoDB, Linux, Unix, Git