

John Soto

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EDUCATION

Lehman College, City University of New York (CUNY)

Bachelors of Science in Computer Science | GPA: 3.36/4.00

Bronx, NY

May 2021 -May 2023

Skills / INTERESTS

- Data Structures and Algorithms, Database Fundamentals, Object Oriented Programming (OOP)
- Proficiency in React/Nextjs, Typescript/Javascript, nodejs, CSS/Tailwind CSS, HTML, C#, Python
- Prisma, Drizzle, MongoDB, Firebase, Planet Scale, PostgreSQL, Postman
- Visual Studio, Visual Studio Code, Github, Node Package Manager (NPM)

Projects

King-Academy - Freelance [Demo](#) (ongoing)

- Design and developed a dynamic website catering to my local community baseball league, fostering enhanced engagement and streamlined management.
- Engineered a user-friendly platform enabling players to establish a personalized profile, leveraging Clerk authentication, webhooks, and Planet Scale database for efficient data handling.

Streaming Platform [Demo](#)

- Created a real-time live streaming SASS app. Users can create an account via authentication and build a following.
- Integrated advanced authentication features using Clerk and its webhook for secure and user-friendly login and authorization processes.
- Utilized PlanetScale for scalable and reliable database management, ensuring efficient data storage and retrieval for the streaming platform

MTA Status Alert [Demo](#) (ongoing)

- Implemented a feature that fetches real-time MTA status alerts, ensuring users receive the most up-to-date information for a seamless travel experience.
- Employed responsive design principles to create a mobile-friendly application, allowing users to access critical information on the go.

Twitter Clone [Demo](#)

- Developed a user-centric web application enabling seamless account creation through sign-in credentials, empowering users to effortlessly compose posts, engage by liking and commenting on content, and establish connections through the ability to follow and unfollow other users.
- Leveraged cutting edge technologies such as Nextjs and Tailwind CSS for the front-end, Prisma as the object relational mapping (ORM) layer, MongoDB as the robust database solution, and next-auth for authentication.

Relevant Experience

Cuny Tech Prep (CTP)

Fellow, Software Development/Web Development

New York, NY

August 2022 - May 2023

- Acquired expertise in high-demand technologies such as React, Node.js with Express, and PostgreSQL, while also embracing industry-standard methodologies for design, implementation, and deployment, including Model-View-Controller (MVC) architecture, proficient version control with Git/GitHub, and agile project management using tools such as Trello and Slack, exemplifying a commitment to industry best practices.
- Demonstrated proficiency in version control with Git/GitHub, resulting in 80% fewer code conflicts and faster code integration.
- Used tools such as Postman for API testing, incorporating new methodologies to enhance test coverage through automation, thus contributing to the optimization of the testing process.

CodePath

Fellow, Software Development/Intermediate Data Structures and Algorithm

New York, NY

August 2022 - May 2023

- Engaged in collaborative teamwork with fellow undergraduate peers, fostering an environment for constructive solution-sharing and collective problem-solving.
- Prepared to tackle intricate algorithmic challenges in whiteboard and technical coding interviews, showcasing a strong foundation in problem-solving technical skills.

CSSI - Online Cuny Google Program

Fellow

Virtual

January 2020 - January 2020

- Participated in a two-week intensive introductory project, centered on python processing curriculum, led by Google engineers.
- Gained proficiency in python fundamental programming concepts such as Object Oriented Programming (OOP), variables, conditionals, loops, and functions.