

Jamila Toaha

Software Engineer

Brooklyn, NY

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Full Stack Software Engineer with a focus on responsive web design. Passionate about creating seamless user experiences. I have experience building Progressive Web Apps geared for real-world use cases. My teams and I have utilized agile development practices to bring projects to completion. And in my spare time, I like to create code-based digital art.

Experience

Software Engineer

Develop for Good - Brooklyn, NY

Sep, 2020 - Jun, 2021

Prototype PWA for UNICEF's Internet of Good Things redesign built using Preact, Typescript, and mobile-first CSS

- Developed responsive components for feature, mobile, tablet, and desktop designs
- Updated, designed and modified components based on weekly UX/ UI feedback from the team
- Implemented mobile-first CSS and Preact to support users on lower-end devices

Lead Software Engineer

Brooklyn College - Brooklyn, NY

Sep, 2020 - Mar, 2021

CUNY Gallery PWA for students to explore student artwork built using the Ionic Framework (React/ Typescript) and Strapi

- Built in app functionality, bridging design and Strapi database setup: implemented user login, user signup, artwork history, scavenger hunt, and dynamically loading data from database
- Built customized web app QR Scanner to retrieve artwork information from Strapi database. Adjusted QR code text and PWA routes so a regular QR scanner can redirect to link and load the artwork, as well
- Incorporated Redux to handle overall state management and to apply and organize REST API database queries

Medical Receptionist

Tribeca Pediatrics - New York, NY

Apr, 2014 - Dec, 2018

- Processed 100+ incoming patient requests and paperworks from our 22+ branches on a daily basis
- Recognized for top productivity, high-quality customer service, and attention to detail. Trained 15+ new hires

Projects

JS Calculator

Free Code Camp Front End Libraries Project

Aug, 2020

Javascript Calculator built using React.js and a CSS grid layout. Functionality and design implemented with UX in mind

- Calculator logic and input entries implemented from scratch on the back end. Operates according to Formula/Expression Logic (takes into account operator precedence) rather than Immediate Execution Logic

Revamped Dreidel

CISC 3665: Game Design Course

May, 2020

p5.js game that alternates between random dreidel spinning and playing a memory matching card game

- As team lead, brought together everyone's contributions. Heavily contributed to overall game flow and game play

Education

CUNY Brooklyn College

B.Sc. Multimedia Computing, Minor in Film

Dec, 2020

Grace Hopper Program at Fullstack Academy

17-week immersive program focused on full-stack web development

Apr, 2019

Skills

Javascript / Typescript | HTML | CSS | Node.js | React / Preact | HTML5 Canvas | Ionic | Git | p5.js