Sahara Fathelbab
Software Engineer - Front End

github.com/saharafathelbab/portfolio | linkedin.com/in/saharafathelbab
saharafathelbab1@gmail.com

Technical Skills

JavaScript, Python, Java, PHP, MySQL, HTML5/CSS3, A-Frame

Work Experience

Freelance Software Engineer   2018 - Current

- Improved readability of codebase, managed landing pages, and ensured user friendly User Interface (UI) of The Creative Group's client website as they moved to new Content Managing System (CMS).
- Prototyped in Adobe XD CC, developed in HTML5 three page portfolio. Client received an increase of interest in their work from companies scouting for interns at their University.
- Prototyped in Adobe XD CC a keyboard for FaceMoji Application; considered for purchase by FaceMoji.

Plumdrop | Web Developer Intern   2018

- Through a WordPress interface, inserted products and elevator pitches for each addition and created additional outdoor packages.
- Prototyped in Adobe XD CC client facing web pages; Front End Developer team used the prototype as a base for final UI.

Projects

Instant Health   2018

- Created wireframes and prototype in Adobe XD CC of web-application that allows users to view medical history.
- Developed in HTML5/CSS3 and JavaScript; team placed in Top 4 of the Healthcare Category at the Hackattack Hack-a-thon.

Snowy Potter: Holiday Card   2018

- Utilized three.js framework A-Frame entity-component-system (ECS) architecture to create container objects to envelop data containers that contribute to the development of Snowy Potter in Web Based Augmented Reality (AR) environment.
- Quick Response (QR) code was created for the user to protrude Snowy Potter from the QR code using Web Based AR.

Personal Portfolio   2018

- Prototyped in Adobe XD CC, developed in HTML5/CSS3 to display past projects and supplemental information gleaned from an About Me web-page.
- Utilized Media Queries in CSS3 to ensure compatibility and responsiveness for multitude of window sizes including mobile/tablet viewing.

Cryptography   2018

- Utilized the asynchronous patterns of JavaScript to develop a code and cipher system that enables a user to insert text/numbers, and outputs data ambiguous to those who do not have access to the private key.
- Author of the book who inspired this project took notice; she commended the research behind the development of the codebook.

Education

Montclair State University, New Jersey | B.S. Computer Science   2018

Personal/Interests

USATF Track Athlete; 5000M | lifestyle, fitness and crash course blogger | lifestyle + fitness youtuber | coding blogger | avid rubik's cube solver | crocheter of blankets and beanies