Sahara Fathelbab

Software Engineer - Front End

github.com/saharafathelbab/portfolio | linkedin.com/in/saharafathelbab

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Technical Skills

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

UX Design

Adobe XD CC

Work Experience

Freelance Web Developer   2018 - Current

- 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 and was thrilled to view the research behind 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