Stephen Roberts

Front End Developer

Designer with 2 years of professional experience building websites with HTML, CSS, and Javascript. Passionate about creating artistic and responsive interfaces. Highly committed to expanding industry knowledge and methods, and comfortable as both a teacher and student. Currently focused on mastering Javascript and exploring 3D web implementations with Three.js, GLSL shaders, and Blender.

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WORK EXPERIENCE

Designer & Instructor
Iron Phoenix Martial Arts

12/2016 - 12/2019   *Little Elm, Texas*

ironphoenix.com

- Designed and coded business website to owner's specifications. Initial site created using ModX framework, a CMS similar to Wordpress.
- Graphic design and copy writing of marketing materials such as class posters and signage using Adobe Photoshop, Illustrator, and Indesign.
- Developed unique card-based martial arts curriculum with art, iconography, text, and "gamified" systems such as currency, challenges, and achievements.
- Served as lead instructor for both adult and youth martial arts classes as well as specific topical courses. Assisted with rank advancement events and seminars.
- Managed many aspects of client relationships including general customer service, payment, enrollment, metrics and record-keeping. Regular use of Google Drive, Sheets, and Docs.

PORTFOLIO

www.convolucid.com
github.com/Convolucid

EDUCATION

Bachelor of Arts: Anthropology
University of North Texas   *Denton, Texas*

Graduated in May 2010
Summa Cum Laude with 4.0 GPA

CERTIFICATES

Licensed Paramedic: EMT-P (2012 - Present)

RECENT PROJECTS

Martial Path
Online Kung Fu Curriculum

martial.convolucid.com

- Digitized elements of card-based martial arts curriculum and coded them into a web app. Used HTML, CSS, and JS for responsive, mobile-first UI.
- Created additional SVG icons in Adobe Illustrator and animated them with GSAP library and CSS transforms.

The Oneironomicon
Three.js Poetry Showcase

poetics.convolucid.com

- Designed several web experiences based on poems using Three.js library and GLSL. 3D letters and figures created in Blender.
- Animated scroll-based transitions of objects and shaders with GSAP.
- HTML Canvas used to animate text backgrounds.

SKILLS

HTML5   CSS   Javascript

Adobe Suite (Photoshop, Illustrator, Indesign)

Webpack   Git

ThreeJS   GSAP

INTERESTS

Gaming   Martial Arts   Writing