Crystal A. Sills

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I am a Software Engineer with a keen eye for design. My previous professional experience, as a Forensic Scientist, has provided me with a mild case of perfectionism and a methodical approach to completing tasks. After fourteen years in the field of forensics, I found myself looking to expand my skill set and discovered software engineering and web development. The challenge to produce clean code alongside excellent design provides a perfect intersection of my natural abilities in science and technology with my love of design and all things creative.

Development Skills

HTML5, CSS3, Bootstrap, JavaScript, jQuery, React, Redux,
AWS, GitHub, Express, Node.js, PostgreSQL

Featured Projects

Remix l github.com/csills/REMIX   August 2018
- A creative platform for digital artists that encourages derivative works by combining or editing existing gallery images to produce new compositions.
- Features the ability to view a gallery of original works, as well as, a gallery of all reworks inspired by an original piece and submitted, as Remixes, by Users.
- Built with HTML, CSS, React, Node.js, Express, and PostgreSQL.

Scene It Too l github.com/csills/sceneittoo   June 2018
- Searchable movie database designed to allow users to personalize their own movie library.
- Provides users the ability to save movies to a "Scene It" list and an "Ain't Scene It" list.
- Built with HTML, CSS, Node.js, Express, Handlebars, Ajax, jQuery, and PostgreSQL.

Tagged l github.com/csills/tagged   May 2018
- Car-to-Car communications application.
- Combines the use of Vehicle VIN API, Firebase Authentication, and Real-time databases to create anonymous car-to-car messaging capabilities.
- Built with HTML, CSS, Node.js, Express, Ajax, and jQuery

Professional Experience

Forensic Scientist l Cleveland Police Forensic Laboratory l Cleveland, Ohio.   2000 – 2014
- Analyzed data and prepared precise, detailed reports to be presented, as evidence, in the courtroom.
- Ensured the integrity and testing of all evidence by following chain of custody documentation.
- Honed public speaking and communication skills by routinely qualifying as a lead expert witness.

Education

DigitalCrafts l Full-Stack Development l Atlanta, Georgia   2018
- Immersive, accelerated program covering HTML, CSS, JavaScript, and Python with emphasis on cutting-edge frameworks including React/Redux along with server-side technologies Node.js, Express, and PostgreSQL.

Kent State University l B.S. in Biology l Cum Laude 3.5 GPA l Kent, Ohio.   1995 – 1999