Julia Hazer

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LinkedIn: linkedin.com/in/julia-hazer   **GitHub:** github.com/juliahazer   **Portfolio:** juliahazer.com

TECHNICAL SKILLS

- **Proficient:** JavaScript, ReactJS, Redux, D3.js, Python, Flask, SQL, PostgreSQL, jQuery, AJAX, HTML5, CSS3, Terminal/UNIX, BeautifulSoup, Git, WordPress, Squarespace, Usability Testing
- **Exposure:** MongoDB, Ruby on Rails, RSpec, Enzyme, Node.js, Slim, Pug, CoffeeScript, SCSS, PHP, Java

EXPERIENCE

Course Report | Software Engineer | San Francisco, CA   2017
- Refactored legacy Ruby on Rails codebase that serves as an online education resource for prospective coding students with over 300,000 of views per month.
- Optimized complex database schema (50+ tables) and used Bullet gem results to write Ruby code (e.g., hash lookups) to fix N+1 query problems, reducing page load times of 4+ main site pages by 20 - 60%.
- Created system using JavaScript, Ruby on Rails, and Slim to enable users to immediately see coding school match results after form submission (30X faster than previous email result process).

Tunelark | Software Engineer | San Francisco, CA   2017
- Built educational guitar music game using JavaScript, ReactJS, and Redux, optimizing codebase by over 3X.
- Developed prototype to learn notes of a guitar by identifying them on fretboard through creating 8+ ReactJS components, using Fetch to load backend data, and storing state in Redux.
- Crafted game to be modern, adaptable, and responsive using ReactJS, functional programming, and CSS3 to translate components previously built in CoffeeScript and make game 100% scalable to any screen size.

GLTF Tennis League | Software Engineer | San Francisco, CA   2017
- Devised membership verification web tool for 500+ member tennis non-profit using JavaScript, jQuery and Wild Apricot API to increase efficiency and funds, ensuring all active players across 40 teams pay dues.
- Constructed set of tools to automate court reservations in Google App Scripts, eliminating 1+ hr/week of work.

Waves Design Studio | Software Engineer + Founder | San Francisco, CA   2016 - 2017
- Designed custom WordPress child theme and generated interactive portfolio showcasing 12+ client projects, plus home, services, about and contact pages using HTML5 and CSS3.
- Migrated 3 client web platforms to Squarespace CMS, added features (upcoming events page, contact form), and provided client training to use new system, cutting long-term costs and enabling immediate site updates.

Rockman et al | Project Manager | San Francisco, CA   2010 - 2015
- Managed over 20 research and evaluation edtech projects with budgets up to $150,000+ for major educational institutions across U.S. (e.g., Cal Academy of Sciences, UC Berkeley, University of Kansas, Yale, Youth Radio).
- Analyzed 100+ quantitative and qualitative datasets using SPSS, Qualtrics, and Excel, and collected data from over 1,000 participants, conducting usability testing, focus groups, interviews, surveys, and observing.

Rockman et al | Research Associate | San Francisco, CA   2005 - 2009
- Oversaw development, launch, maintenance, and enhancements for company Intranet and external website using JavaScript, PHP, SQL, and HTML, saving company $5000+ within the 1st 6 mos.

SIDE PROJECTS

Top Songs App | Software Engineer | live | code   2017
Platform where users can watch and control YouTube videos of top songs based on tailored iTunes chart selections.

Chart My Team | Software Engineer | live (full stack version) | code (front end version)   2017
Tool for USTA NorCal players, captains and fans to access data visualizations about NorCal tennis teams and matches.

EDUCATION

Computer Programming Certificate, *City College of SF*
B.S. Psychology, *Indiana University*