

Sasha Bajzek

San Francisco, CA ♦ sasha.bajzek@gmail.com ♦ 708.205.6354
linkedin.com/in/sashabajzek ♦ github.com/SashaBajzek ♦ sashabajzek.com

ABOUT ME:

I am a self-taught front-end web developer with a structural engineering background who loves building great websites, creatively solving problems, and learning new skills every day.

TECHNICAL SKILLS:

- **Languages:** HTML, CSS, JavaScript
- **Libraries:** React, Redux, jQuery, Bootstrap, Sass, Immutable, Flow
- **Tools:** Git, Adobe XD

EXPERIENCE

JS-808 Drum Kit, Web Developer, *San Francisco, CA* 12/2017 - 01/2018

- Created a drum kit using React and Redux resulting in a fun, efficient web app for creating music: js-808.sashabajzek.com

Freelance Consultant, Web Developer, *San Francisco, CA* 08/2017 - 10/2017

- Redesigned the public facing website for a small defense contractor resulting in better brand awareness and client outreach while meeting complex government requirements: www.spectrumtechnology.us
- Focused on making the website responsive and accessible for use with mobile device and to increase audience usability.

Parsons Corporation, Structural Engineer, *San Francisco, CA* 03/2014 - Present

- I design bridges by analyzing the loads applied to the structure through finite element analysis modeling, taking the forces from the model to design the components of the structure following design standards, and choosing the sizes and connections for the components to ensure safety, reliability, and efficiency.
- Designed box girders and abutments for two Calgary Ring Road bridges as part of a design build project providing quick turnover to the contractor to build quickly and save cost on materials.
- Engineered designs and plans for the viaducts and bridges in the California High Speed Rail Project resulting in efficient designs that will withstand earthquakes.

EDUCATION

Jeffrey Faden's Front-End Web Development Class, Noisebridge, *San Francisco, CA* 02/2016 - 12/2016

- Learned the fundamentals and best practices of front end web development including: HTML, CSS, JavaScript, jQuery, Angular 1, React, Redux, Bootstrap, Sass, AJAX, Git, Reselect, and working from professional mock-ups

Virginia Tech, MS in Civil Engineering, *Blacksburg, VA* 08/2011 - 05/2013

Illinois Institute of Technology, BS in Civil Engineering, *Chicago, IL* 08/2007 - 05/2011