

Sasha Bajzek

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ABOUT ME

I am a software engineer with a structural engineering background. I am a strong collaborator, a fast learner, great at working on both the big picture and small details, an accessibility advocate, and I love creating interactive user experiences. I value honesty, collaboration, and inclusion.

TECHNICAL SKILLS

- **Languages:** HTML, CSS, JavaScript, TypeScript, Python
- **Libraries:** React, Redux, Sass, Jest, Django
- **Tools:** Storybook, Git, Docker, Invision, Jira, Rancher

EXPERIENCE

Invitae, Software Engineer - *San Francisco, CA* 12/2018 – Present

- Worked on the dev standards team creating an internal CMS editor, reusable components, and shared packages used across multiple teams at Invitae.
- Worked on the customer experience team on a greenfield project to create a new physician ordering form and cart using React, TypeScript, and CSS modules.
- Solved bugs and made updates to the older codebase, updating internal tools that track the status of orders, patients' samples in the lab, billing, and results reports using React, JavaScript, Python, and Django.
- Accessibility advocate working with designers to ensure ADA compliance and make using Invitae's site an enjoyable experience for everyone.
- Created the Invitae Web New Hire Guide to make onboarding new teammates as friendly and seamless as possible.

Constellation Labs, Frontend Engineer - *San Francisco, CA* 07/2018 – 10/2018

- Worked to relaunch the Orion developer portal using React, Redux, and TypeScript by creating reusable and accessible React components for rapid development.
- Created a data visualization tool showing blockchain transactions across the world using Mapbox and React.

JS-808 Drum Kit, Creator and 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: <https://js-808.sashabajzek.com/>

Parsons Corporation, Structural Engineer - *San Francisco, CA* 03/2014 – 07/2018

- Designed 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.
- Engineered designs and plans for various projects including the California High Speed Rail Project and Honolulu Guideway Project.

EDUCATION

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