

Versatile designer and engineer with extensive experience in life sciences and biotechnology. Skilled in front-of-the-front<sup>1</sup> software design and development, and creating digital tools to support scientific research. Began career in public health, bringing a unique interdisciplinary perspective to technology solutions. Proven record of working independently or in teams taking projects from conception to implementation, enhancing user experiences, and improving operational efficiency.

## EXPERIENCE

### Senior Design Engineer    10x Genomics, Pleasanton CA 2018–today

- Balanced design and engineering in a hybrid role focused on the presentation layer of digital platforms
- Developed, implemented, and refined design systems for page content layout and product analytics
- Assisted in design and construction of corporate and technical support websites
- Supported graphic design, print design, and marketing automation systems
- Participated in research and explored UX/UI and technical solutions

### Freelance Design and Development    San Francisco CA 2013–2018

- Sought a variety of design and development projects primarily with biotechnology clients
- Managed projects for print and package design, logo and branding efforts, and web and digital solutions
- Generated technical illustrations for various print and digital applications
- Developed and refined UX/UI designs for mobile apps

### Creative Lead    Quest Diagnostics, South San Francisco CA 2011–2013

- Oversaw a post-acquisition product and service rebranding effort
- Updated print collateral and large-format design tradeshow assets
- Delivered high-quality print and web ads for marketing

### Marcom Specialist    Epitomics, South San Francisco CA 2007–2011

- Prepared catalogs, print advertisements, tradeshow materials
- Created visual assets for web and presentations

### UC Berkeley School of Public Health    Berkeley, CA < 2007

UCSF School of Public Health    San Francisco, CA

NYS Department of Public Health    Albany, NY

## EDUCATION

BS Biology and Biochemistry    Clarkson University

Graphic Design    UC Berkeley Ext.

## SKILLS & INTERESTS

Typescript, React, NextJS, CSS/JSS, HTML, accessibility, design systems, Storybook, Chromatic, ThreeJS, D3, Git-CMS, GraphQL, CI/CD, Algolia  
Figma, Adobe Creative Suite, SVG, animation, data visualization, technical illustration, typography,  
Letterpress, bluegrass, winter sports

<sup>1</sup> [bradfrost.com/blog/post/front-of-the-front-end-and-back-of-the-front-end-web-development](http://bradfrost.com/blog/post/front-of-the-front-end-and-back-of-the-front-end-web-development)