



Bianca Danforth

Web Designer & Front-End Developer

biancadanforth.com @ biancadanforth@gmail.com

SKILLS

Languages

- HTML (proficient), CSS (proficient) and JavaScript (intermediate)

Software & Tools

- Adobe Photoshop (intermediate), Sass (intermediate), React, Git, and InVision (prior experience)

Design

- Rapid prototyping (proficient), user testing and wireframing (prior experience)

PROJECTS

Professional Website & Portfolio

biancadanforth.com

- A web application with advanced design elements and a contact form.
- Uses HTML5, CSS3 (Sass), JavaScript (React), Git
- Features form validation, progressive image loading and a fixed header with responsive dropdown menu

To Do List

biancadanforth.com/work/to-do-list/live

- A pure JavaScript (no libraries) single-page application that enables users to add, edit, delete, complete, undo and filter tasks.
- Uses HTML5, CSS3, JavaScript
- Features CSS animations/transitions, a local storage API and AJAX

E-mail Sign-up

biancadanforth.com/work/e-mail-sign-up/live

- A static, responsive webpage built from a Photoshop mock-up
- Uses HTML5 and CSS3

WORK

Web Designer & Front-End Developer

Self-Employed, 02/2016 - Present

- Completed several individual, self-initiated projects, with weekly mentorship from a professional web designer and front-end developer.

Mechanical Design Engineer

Exploratorium, 05/2014 - 02/2016

- Collaborated with a multidisciplinary team to design, prototype and build ten science exhibits for clients all over the world using computer-aided design.
- Created engineering specifications, bills of materials and technical drawings, working directly with vendors to make custom parts.

Manufacturing Engineer

Lin Engineering, 05/2013 - 05/2014

- Led the design, development and implementation for a semi-automated manufacturing process of new enhanced motor product line.

Classroom & Shop Teaching Assistant

Stanford University, 09/2010 - 06/2012

- Managed 86 students in advanced mechanical engineering design class.
- Supervised over 1100 students working in open shop
- Led weekly shop labs, workshops and safety classes.

EDUCATION

M.S. in Mechanical Engineering

Stanford University, 09/2010 - 06/2012

B.S. in Mechanical Engineering

Stanford University, 09/2006 - 06/2010