Bianca Danforth

Web Designer & Front-End Developer

CONTACT

- biancadanforth.com
- biancadanforth@gmail.com

PROJECTS

Professional Website & Portfolio

biancadanforth.com

- A web application with advanced design elements and a contact form.
- Uses HTML5, CSS3 (Sass), JavaScript ES6 (React) and Git

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 and JavaScript ES5

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 CAD.
- Created engineering specifications, technical drawings and other documentation, working directly with vendors to make custom parts.

Manufacturing Engineer

Lin Engineering, 05/2013 – 05/2014

- Led process design for manufacturing a new motor product line.

Classroom & Shop Teaching Assistant

Stanford University, 09/2010 – 06/2012

- Managed, supervised and taught hundreds of students in an advanced design class.

SKILLS

Languages

- HTML5 , CSS3 (including Sass) and JavaScript ES6 (including React)

Software & Tools

- Photoshop, InVision and Git

Design

- Rapid prototyping, user testing and wireframing

EDUCATION

M.S. in Mechanical Engineering

Stanford University, 09/2010 – 06/2012

- Coursework in product design and art studio

B.S. in Mechanical Engineering

Stanford University, 09/2006 – 06/2010

- Coursework in computer science (Java, C and MATLAB) and product design