

Bianca Danforth | Web Designer & Front-End Developer
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SKILLS	<p>Languages</p> <ul style="list-style-type: none"> HTML (proficient), CSS (proficient), Sass (intermediate), JavaScript (intermediate), React (prior experience) <p>Software and Tools</p> <ul style="list-style-type: none"> Adobe Photoshop (intermediate), Git (intermediate), InVision (prior experience) <p>Design</p> <ul style="list-style-type: none"> Rapid prototyping (proficient), user testing and wireframing (prior experience) Formal training in design methodology and 5 years of professional experience as a design engineer
PROJECTS	<p>Professional Website and Portfolio Individual, Self-Initiated biancadanforth.com</p> <ul style="list-style-type: none"> A web application with advanced design elements and a contact form. Languages: HTML5, CSS3 (Sass), JavaScript (React), Git Features: Form validation, progressive image loading, fixed header with responsive dropdown menu <p>To Do List Individual, Self-Initiated biancadanforth.com/work/to-do-list/live</p> <ul style="list-style-type: none"> A single-page application that enables users to add, edit, delete, complete, undo and search tasks. Languages: HTML5, CSS3, JavaScript Features: CSS animations/transitions, local storage API, AJAX
WORK	<p>Web Designer/Front-End Developer 02/2016-Present</p> <ul style="list-style-type: none"> Completed several individual, self-initiated projects, with weekly mentorship from a professional web designer and front-end developer. Coursework: Skillcrush Web Designer Blueprint, Lynda.com Git Essentials <p>Mechanical Design Engineer 5/2014 – 2/2016 Exploratorium</p> <ul style="list-style-type: none"> Collaborated with a multidisciplinary team to design, prototype and build several science exhibits for clients all over the world using computer-aided design and manufacturing. Created engineering specifications, bills of materials and technical drawings, working directly with vendors to make custom parts. <p>Manufacturing Engineer 5/2013 – 5/2014 Lin Engineering</p> <ul style="list-style-type: none"> Led the design, development and implementation for a semi-automated manufacturing process of new enhanced motor product line. <p>Classroom and Shop Teaching Assistant 9/2010 – 6/2012 Stanford University</p> <ul style="list-style-type: none"> 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	<p>M.S. in Mechanical Engineering 9/2010 – 6/2012 Stanford University</p> <p>B.S. in Mechanical Engineering 9/2006 – 6/2010 Stanford University</p>