



Shanna Sullivan

Software Engineer

CONTACT

LOCATION:
San Francisco, CA

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TECHNICAL SKILLS

Javascript | Angular | Node | Express
PostgreSQL | jQuery | Phaser | Ajax | Git
HTML5 | CSS3 | Bootstrap | Cocoon
Grunt | Mongo | Backbone | Knockout
Ionic | d3 | Azure | InDesign | Illustrator
Photoshop | Visual Design | UX/UI Design

EDUCATION

Telegraph Academy 2015
Advanced Software Engineering Immersive

California Polytechnic State University
Bachelor of Architecture 2012
Architectural Engineering Minor
Music Minor

Udacity Nanodegree Program 2015
Front-End Web Developer Nanodegree

Stanford Continuing Studies 2015
JavaScript

General Assembly 2015
UX Design

SOFTWARE ENGINEERING APPLICATIONS

Dream Dash | Software Engineer playdreamdash.com

Single-player continuous runner game for mobile and web

- Implemented physics logic & collision detection using the **Phaser** physics engine
- Developed cross-device compatibility strategy that loads assets based on the device
- Deployed mobile iOS and Android versions of the game by compiling code with **Cocoon**; developed and designed assets and animations

BondFire | Scrum Master | Software Engineer bondfire2.firebaseio.com

Online networking resource for software engineering immersive graduates

- Integrated **jQuery** map into **Angular** framework to enhance user experience
- Generated app architecture & app states using **Angular** ui-router & nested views
- Created form for users to add themselves to the **Firebase** database using **Angular**

AcroScores | Fullstack Engineer www.acroscores.com

Single-page webapp that allows users to input meet scores and visualize score data

- Implemented **Postgres** database to store relational data about meets, athletes, scores
- Developed visualizations and charts for acro score data using **Angular**
- Created **Node/Express** server & middleware to handle GET and POST requests

Neighborhood Map | Front-End Engineer github.com/acrobat130/NeighborhoodMap

Single-page webapp with map that shows favorite locations in san jose

- Fetched data from Google Places & Foursquare API's from the **Knockout** front-end

ENGINEERING, DESIGN, AND LEADERSHIP EXPERIENCE

Telegraph Prep+ Instructor & Outcomes Support, [Telegraph Academy](#) 2016

- Developed git-based, test-driven curriculum that increased TGA enrollment by 5%
- Educated students with intermediate Javascript and computer science fundamentals
- Supported outcomes team by coaching TGA alumni & conducting mock interviews

Acoustical Consultant, [Charles M. Salter Associates, Inc.](#) 2012-2015

- Managed 20+ projects simultaneously & generated more than \$750,000 in revenue
- Designed room acoustics, sound isolation, and mechanical noise attenuation for a 60,000-person company's corporate theatre to support international live broadcasts
- Created productive workspaces at some of the largest Bay Area tech companies by improving workplace acoustics

Lead Designer & Fabricator, [Cal Poly F-Stop Design-Build Installation](#) 2009

- Led the team of 4 that designed and built the Kitchenette within 10 weeks as part of the redesign and construction of an abandoned room into the student lounge
- Manipulated CNC (computer numerical control) technology to manufacture complex parts that were manually assembled for prototyping and production

Acrobatic Gymnastics Coach & Choreographer, [CCG](#) 2007-2012

- Coach & choreographer for teams up to 15 people through national championships
- Trained dozens of champions & internationally-ranked athletes

INTERESTS AND ACCOMPLISHMENTS

design | architecture | acoustics | music | acrobatics | dance | running | rock climbing | coaching

San Ramon Valley Business/Education Roundtable **Architecture Competition** Winner
National Piano Auditions 6-time **international winner** and 11-time **national winner**
Acrobatic gymnastics three-time **National Champion**, J.O. **National Team** Member
Ventura Surfer's Point **Marathon Finisher**