

TYLER S. SULLIVAN

Tylerscott.sullivan@outlook.com | (661) 805-6137
www.github.com/TylerScottSullivan

PROFESSIONAL EXPERIENCE

Pilotly, Inc.

Los Angeles, CA

Full Stack Software Engineer – JavaScript

Mar 2017 – Present

Dashboard and viewer portal for content testing and viewer feedback in media and entertainment industries.

- Built out payment processing flow UI, backend, & admin tools w/Braintree SDKs/webhooks, MeteorJS, & MongoDB
- Created team management, & settings menus/tools, implementing automatic user engagement emails through SendGrid
- Incorporated real-time notifications, customized welcome tutorial, & route handling with 3rd party React packages
- Re-factored and pruned dashboard CSS while implementing redesign, resulting in a 67% reduction in file size
- Re-engineered business website in Vanilla JS, Handlebars, & Express, implementing SEO & mobile responsive redesign
- Utilized local storage and MySQL to handle file download permissions and lead tracking
- Regular bug fixing, form validation, view creation, styling, & business logic in ReactJS, Redux, CSS, Node, & web sockets

Optimizely

Philadelphia, PA

Contract Software Engineer – JavaScript

Jul 2016 – Sep 2016

Developed tag manager for Optimizely's beta App platform, allowing online marketers to manage 3rd party JS dependencies.

- Built dependency management engine allowing users to insert tags into page with configurable trigger conditions
- Implemented front-end with ReactJS using Optimizely User Interface (OUI) design guidelines
- Incorporated tab, table, side panel, and modal navigation, and re-factored code to reduce number of API calls by 67%
- Created tag search functionality, instantaneous notification updates, and user-friendly form validation
- Implemented build tools with npm scripts for hot reloading and command bundling during development

EDUCATION

University of Pennsylvania, The Wharton School of Business

Philadelphia, PA

Bachelors of Science | Information, Operations, & Decisions | GPA: 3.63 /4.00

May 2016

- Relevant Coursework: Intro to Programming, Developing for Data Access & Analysis, Business Computer Languages
- Honors: Dean's List (2015-2016), Huntsman Program

Horizons Technology Fellows Program

Philadelphia, PA

Software Engineering, Entrepreneurship

Jun 2016 -Aug 2016

- Relevant Coursework: Object Oriented Programming (JS), Data Structures, Algorithms, Web Security, Source Control

PROJECTS

ShareCropper

Philadelphia, PA

Full Stack Developer – JavaScript

Jul 2016

ShareCropper allows small-scale gardeners to easily sell crops to their health-conscious neighbors.

- Wireframed, designed, and developed all front-end webpages for platform using HTML, CSS, Flexbox, and Handlebars
- Implemented inbox and instant messaging functionality using ReactJS and web sockets
- Designed and implemented database schema with MongoDB and Node.js

Double Message

Philadelphia, PA

Full Stack Developer – JavaScript

Jun 2016

Simple application allowing users to send/receive messages for multiple services in a unified interface.

- Used Twilio API and webhooks to allow registered users to send texts from the web to actual phone numbers
- Enabled users to schedule messages by implementing a cron job through Heroku to check for messages to be sent
- Built backend with Node.js and MongoDB, rendering views with Handlebars

SKILLS AND TECHNOLOGIES

Frontend Web Dev: JavaScript (ES5/ES6), HTML5, CSS3, AJAX, jQuery, Handlebars, ReactJS, Redux, sockets.io

Backend Web Dev: NodeJS, ExpressJS, MeteorJS, MongoDB, MySQL, Python, Java,

Design: Photoshop, Illustrator, InDesign | **Software:** GitHub, SPSS