

Oliver Switzer

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Experience

Senior Engineer @Kickstarter

June 2018 - Present

Full Stack Developer @Pivotal

August 2015 – May 2018

- + Apply extreme programming practices including pair programming and test-driven development across a variety of technology stacks and projects
- + Help identify what new client projects and employees Pivotal will take on
- + Facilitate weekly retrospectives, iteration planning meetings and office-wide discussions about core XP/LEAN/Agile practices and values
- + Act as engineering lead on multiple projects, involving conveying core domain to rest of team, scheduling one-on-ones with individuals team members and facilitating communication between development team and client stakeholders

Full Stack Developer @littleBits

August 2014 – June 2015

- + Build out RESTful mobile app API endpoints for company's first e-commerce mobile app
- + Create Quirky-like voting app called bitLab that uses state machine and voting logic to track state of "bit ideas" that are voted upon and curated
- + Work with React to create first interactive littleBits circuit simulator and build parts of the CMS
- + Helped start NYC's first official React Meetup hosted at the littleBits office
- + Use both Memcached and Redis-based caching for site tracking and increasing site performance
- + Build in-app AB testing and tracking framework

Full Stack Developer @HowAboutWe

April 2014 – July 2014

- + Rails stack with Backbone/SASS/HAML
- + Use TDD (RSpec & Capybara) when writing code for both front and back-end site functionality in
- + Write A/B tests to ensure user acceptance of most new features
- + Work with extensive Memcached-based caching system
- + Write scripts to upload and resize images on AWS using Sidekiq worker queues
- + Create models that implement worker queues for sending SMS to users using Twilio AP
- + Query Google Maps API to generate static google maps images from geographic coordinates

Student @Project Breaker/Stanford Institute of Design (d.school)

June 2013 – July 2013

Worked with IDEO, TED, Shapeways, MakerBot, littleBits, others; prototyped, tested, and refined concepts for manufacturing products.

<http://futureofstuffchallenge.org/>

Education

Bard College
– May 2013

September 2009

BA, Physics

- + Received a full-ride Distinguished Scientist Scholarship (DSS)

