

Oliver Switzer

📍 Brooklyn, NY, United States 🌐 www.oliverswitzer.com ⓘ www.oliverswitzer.com

📖 About me

With 7 years of experience working with various server and client-side languages, I am looking to work with startups or large companies that are making a social, creative or environmental impact using technology. I enjoy learning from and mentoring other engineers through pairing, as well as advocating for extreme programming (XP) practices like test driven development and delivering value-proven software in short iterations. I also am a big proponent of Domain Driven Design as well as both object oriented and functional programming principles. With that said, I am always looking to learn new languages and practices and continue expanding my area of expertise.

★ Technical Skills



📁 Work experience

01/2020 – present
San Francisco

Software Engineer Geometer / Kohort

Full-stack development work as founding member of startup Kohort (spun out of Geometer incubator)

- Work with Elixir / OTP process architecture to provide real time video, transcription and note editor experiences to users of our streaming video application
- Work closely with product and design to prototype and build features around automated ML text summarization and keyword extraction of transcripts
- Implement topic change detection algorithm in Elixir for use in our core streaming video application

06/2018 – 05/2020
Brooklyn, United States

Senior Software Engineer Kickstarter

Collaborated with product and design to break down work for myself and teammates, mentored other engineers and built out critical infrastructure

- Planned and implemented Kickstarter's new signup and checkout experience that increased completed checkouts by 4%, roughly \$1M in annual revenue
- Supported our iOS and Android native app teams through building out APIs and building cross-platform features

Work experience

08/2015 – 05/2018
Brooklyn, NY,
United States

- Built out scalable ETL process for replicating and sanitizing our production payments database
- Developed support tools to improve communication during site outages, as well as a UI that aggregates and categorizes site incidents to find trends

Software Engineer **Pivotal**

Acted as engineering lead on multiple projects, involving conveying core domain to rest of team, scheduling one-on-ones with individual team members and facilitating communication between my development team and client stakeholders

- Worked in multiple product contexts (finance, health care, charity, education), to deliver full-stack features
- Actively participated in and helped plan user research sessions, as well as technical discovery into new product domains
- Helped 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

08/2014 – 06/2015
Brooklyn, NY,
United States

Software Engineer **littleBits**

Third engineering hire; hit the ground running with small balanced team to deliver both front and back end feature work

- Created a crowdsourcing voting app, that uses state machine logic to track circuit ideas that are voted upon and curated
- Helped start NYC's first official React Meetup hosted at the littleBits office
- Worked with React to create first interactive littleBits circuit simulator
- Built out RESTful mobile app API endpoints
- Increased on site performance by 17% using Redis-backed view caching

04/2014 – 07/2014
Brooklyn, NY,
United States

Software Engineer **HowAboutWe**

Implemented full stack features for product team in charge of "HowAboutWe for singles" application

- Worked in Rails stack with Backbone/SASS/HAML, and TDD (RSpec & Capybara) when writing code for both front and back-end site functionality in
- Worked with extensive Memcached-based caching system
- Created models that implement worker queues for sending SMS to users using Twilio API

Education

02/2014 – 06/2014
Brooklyn, NY

Software Engineering **The Flatiron School**

09/2009 – 05/2013
Annandale-on-Hudson,
NY
, United States

Physics **Bard College**

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