# Todd Oh

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## OVERVIEW

I'm a front-end developer with diverse experience in technology industry. The products I have worked on over the years are connected with web and mobile applications, user interface, and key business logic. Formerly a Product Lead at a startup company, I gained expertise in making innovative production applications. With my expertise, I deliver product experiences with great usability and design in quality codes.

## SKILLS

**Front-end —** JavaScript/TypeScript, React.js, Redux, GraphQL, CSS3, Sketch, Figma, Prototype wireframes, data-driven interface design

**Back-end —** Production RESTful API in Node.js, MongoDB

**Python 3 —** Data Aggregation, Natural Language Processing, LDA Modeling, K-Means Clustering, Flask

**Tools —** Git, Sentry.io, Mixpanel, SparkPost, OneSignal, Google Analytics, branch.io, CircleCI

**Languages —** English and Korean

## EDUCATION

**B.S. Sociology, 2018**
Yonsei University, Seoul, South Korea

## ADDITIONAL EXPERIENCE

**Samsung Electronics Super Rookie Membership —** An invite-only program for students in STEM and Liberal Arts (2012-2013)

**Startupweekend 2010 Seoul**
Organizers

**TEDxYouth Seoul 2010 —** Gave a speech about global startup experience.

## EXPERIENCE

### Software Engineer, Rally Rd. (RSE Markets, Inc.)

Oct 2019 - Present │ New York, NY

Focuses on front-end engineering of the product, often expanded onto the area requiring broader full-stack abilities to tackle issues. Primarily working on the React web application and Android client application.

### Project Engineer, THISISALLABOUT

2017 – 2019 │ New York, NY

Led early-stage engineering for a social data analysis project. Built an automatic news clustering and a web visualization application to highlight visualize complex issues and agendas by group, timeframe, and topic.

- Designed and developed a web visualization product in React, including "WhatTrumpSaid", the analysis of the tweets by President Trump.
- Built an in-house dataset editor console with Node.js, MongoDB, React.
- Implemented natural text processing and topic modeling with Tf-Idf, LDA, and K-Means clustering in Python.

### Product Lead/Founder, Toast Labs, LLC.

Apr 2015 – Jul 2017 │ Palo Alto, CA

Led a technology startup that developed and launched mobile applications, including "#Newsrooms" application, which provided a solution for journalistic bias through an automatically generated news briefing.

- Designed and built a custom interface framework for desktop and mobile experience in JavaScript.
- Built a Node.js/MongoDB server running a number of API endpoints and news natural language processing backend for "#Newsrooms".
- Managed Mixpanel analytics to improve user retention and discoverability through data-driven interface redesign.
- Worked with CTO with lean engineering cycles for faster product development, testing, and 5-week sprint.
- Built an adaptive low-power geofence engine and camera scribble experience in Objective-C.

### Intern, Ars Praxia (TREUM)

Nov 2011 – Feb 2012 │ Seoul, South Korea

Helped a strategy consulting team perform data cleaning for a Semantic Network Analysis project. Built the original company website with a corporate identity design team.