Todd Oh

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SUMMARY

I'm a product manager/full-stack web developer with diverse experience across product development in startup industry.

The projects I have worked on over the years are connected with interactive content, news aggregation, and social media. I gained expertise in developing production-level product from launching a news briefing service at the University of Pennsylvania.

By utilizing my diverse experience, my goal is to contribute to integrating technology into our daily lives.

SKILLS

Front-end — HTML, CSS, jQuery/ES6, Handlebars.js, React/react-redux, lit-html, Node.js, Webpack

Data Analysis — Data Aggregation, Natural Language Processing (nltk/spaCy), LDA Modeling/K-Means Clustering (scikit-learn/gensim), Flask

Tools — Git, Sentry.io, Mixpanel, Mailchimp, SparkPost, OneSignal, Google Analytics, Facebook Ads

Databases — MySQL, MongoDB

Design — Sketch, Figma

Languages — Full proficiency in English and Korean, Localization

PORTFOLIO

Github repositories
https://github.com/toddoh/

Portfolio website
https://toddoh.com
https://toddoh.com/thisisallabout/#whattrumpsaid

EDUCATION

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

EXPERIENCE

Project Lead, THISISALLABOUT
Oct 2017 – Present

The data-driven journalism project unravels complex issues and agendas by group, timeframe, and key topic using intelligent data analysis and great visualization. I developed a full set of the website and back-end including the algorithm that examines a wide range of media in order to create a qualified look at important issues.

- Implemented natural text processing with Tf-Idf/word2doc, and K-Means clustering for automatic daily news clustering.
- Implemented topic modeling of the historical tweets of key presidential candidates using Doc2bow corpus/LDA.
- Designed and developed content to analyze President Trump's tweets and key stories in 2017.
- Built an in-house dataset editor console with Node.js, MongoDB, React.js
- Managed a Facebook Page to promote content.

Founder, Toast Labs, LLC.
Apr 2015 – Jul 2017 | Palo Alto, CA

Founded a startup to create a unique experience in mobile. It successfully launched products including "#Newsrooms" which provided a solution for journalistic bias by utilizing weight-based news clustering algorithms. I lead core product development and data-driven marketing.

- Managed overall product development and user interaction strategies.
- Built a hybrid framework for multiple applications in Javascript.
- Implemented a news clustering back-end in Node.js.
- Built a Node.js/MongoDB server running a number of API endpoints for a news aggregation service "#Newsrooms".
- Managed Mixpanel analytics to improve user retention and discoverability, in conjunction with data-driven interface redesign.
- Managed Push Notification(OneSignal) and Email Newsletter(SparkPost) to increase user engagement, with custom code in Node.js for automation.
- Operated a digital marketing campaign on Facebook.
- Ran a market and competitor analysis for "#Newsrooms".
- Designed graphical logos and user interfaces for multiple applications.

Intern, Ars Praxia (TREUM)
Nov 2011 – Feb 2012 | Seoul, South Korea

- Data cleaning for a Semantic Network Analysis project.
- Built a corporate website.

ADDITIONAL EXPERIENCE

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

Startupweekend 2010 Seoul — Member of an organizing group for the event. (2010)

TEDxYouth Seoul 2010 — A speech about global startup experience (2010)