

# Jeffrey Wang

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github.com/jeffrethewang

## Education

### **University of California, Los Angeles**

B.S. in Computer Science – 2012-2016

## Skills

**Languages:** Scala, Python, Javascript, Java

**Systems:** Hadoop, Kafka, Docker, Mesos

**Web:** HTML/CSS, Node.js

## Experience

### **Tapad**

Software Engineer

**New York, NY**

May 2016 – Present

- Developed on real-time bidding infrastructure involving high throughput (800k+ QPS) and low latency systems
- Built a scalable application on top of Mesos to optimize ad campaign spending using inventory forecasting
- Deployed Scalding and Spark jobs for training models and generating ad audiences using data from conversion events and Tapad's Device Graph, a tool that infers relationships between devices and users
- Developed applications for consuming live impression data and bidding metrics from Kafka for offline computation and analysis on HDFS
- Implemented and maintained a Scala DSL for generating Oozie applications

### **Tumblr**

Core Scala Engineering Intern

**New York, NY**

June 2015 – September 2015

- Built backend data services using Colossus, Tumblr's open source I/O framework
- Rewrote the REST API for the Scala client for Collins, the open source infrastructure manager, using Dispatch, an asynchronous HTTP library
- Designed and implemented a CDN purging service for processing and executing media takedowns

### **Tumblr**

Product Engineering Intern

**New York, NY**

June 2014 – September 2014

- Worked on the Tumblr Dashboard team to build and overhaul numerous front-end features to enhance user engagement and content consumption
- Implemented a keyboard shortcut guide and measured, via client side logging, the usage of key commands before and after launch of the feature
- Contributed to building and shipping the Dashboard takeover for Tumblr's Net Neutrality campaign

## Projects

### **Scraperboxd**

- A service that scrapes data from Letterboxd, the social film platform, using Jsoup to provide movie recommendations given a set of users and their preferences

### **Cold Review** - PennApps XI, Top 10 Hacks

- A git-based thermostat – developers fight the dropping temperature by pushing higher quality commits more often. Implemented GitHub functionality and built commit data visualization with Angular