

Jiatu Liu



301 Executive Park Blvd, Unit 518 • San Francisco, CA 94134 • Phone: (734) 730-3532 • E-Mail: ljiatu@hotmail.com

Experience

Software Engineer at Opendoor

05/2017 – Present

- Currently working on a 3-person “tiger team” to implement new tools and processes for Opendoor operators to streamline their workflow and increase the scalability of the business.
- Implemented the latest version of the Valuation Tool, which is used by Opendoor Valuers’ to determine the fair market price of properties the company intends to acquire. The new tool captures more data than the older version, and thus reduced the number of external data sources operators have to check when performing valuations, thereby increasing their productivity.
- Implemented new components in the automated offer workflow, which boosted the overall automated offer coverage to 30%.

Software Engineer at Twitter

05/2015 – 05/2017

- Designed and implemented a system that automatically registers new Twitter Audience Platform (TAP) advertisers in the classic TellApart stack. The registration process used to be manual and takes 2 hours/day.
- Designed and implemented the identity sync system that syncs Twitter user identity information with ad networks (for example, DoubleClick, AppNexus), which doubled the user reach for TAP.
- Designed and implemented key parts of the real-time user data pipeline for TAP, which transfers terabytes of user page view/product view/purchase data from advertisers' websites to Twitter systems every day.

Software Engineer at TellApart

09/2014 – 05/2015

- Migrated creative serving logic from Python to Java, which eliminated the stale creatives issue that had been around for months.
- Designed and implemented a system to automatically set bid price on the Facebook Dynamic Product Ads network, which saved engineers at least 5 hours per week to manually change prices.

Education

University of Michigan – Ann Arbor

08/2011-05/2014

- Bachelor of Science - Engineering (B.S.E), Computer Science, GPA: 3.918/4.000
- Graduated with Honor: Summa Cum Laude
- Honor Societies: Eta Kappa Nu (HKN), Tau Beta Pi (TBP)

Programming Languages

Java, Javascript, Python, Scala, C++, C, Ruby

Tools and Skills

Lambda Architecture, Kafka, Heron, Scalding, Apache Aurora, MySQL, Memcache, Docker, Thrift, AngularJS, Ruby on Rails, Distributed Systems