Yan Wu, Software Engineer

telooon@gmail.com | San Francisco, California, US
https://twitter.com/teloon | https://github.com/teloon

EXPERIENCE

Tank Exchange Inc, Co-Founder & Software Engineer   11/25/2015-now

- full stack engineer

Facebook Inc, Software Engineer(Newsfeed Ranking)   10/07/2013-11/24/2015
https://facebook.com

- full stack work from newsfeed backend services with C++(60%) to PHP/HACK web service(20%) and Android client app(10%)
- Build worflow to automatically select best features for newsfeed ranking model, which greatly simplify the feature selection process and increase the frequency of model update and model freshness. (C++, Python, HACK, Hive)
- Create rsvp prediction model for event join action in newsfeed, which increased more than 50% of rsvp events happening in newsfeed overtime and contributed a big part to hit the milestone of 450M people using Facebook Events[bit.ly/event450m]. (C++, HACK, Python, Hive)
- Facebook Android client development: features for realtime/live newsfeed, like live comments and live likes, which drives the newsfeed experience and engagement; also build newsfeed stories with horizontal scrolling. (Android)

Baidu Inc, Software Engineer Intern (Ads Ranking)   07/2012-09/2012
https://baidu.com

- Full-time intern at Baidu(ECom Department), which is the biggest search engine provider in China.
- Explore user targeting and interest targeting features for ads CTR prediction model. Leverage social media, like Weibo(Tweet-like service), to do user profiling by topic models, like LDA.

YuanJiang Inc., Software Engineer   10/2009-04/2010

- YuanJiang was a newly founded startup back then. I was the 1st employee
- Develop duplicate document detection system. (https://github.com/teloon/simpleDDD) (C++, Python and tokyo cabinet)
- Full text extraction for web pages by analyzing text density. (python)
- Migrate existing web service under Django framework.

PUBLICATIONS	**Learning Hash Codes for Efficient Content Reuse Detection, SIGIR**	2012
	http://dl.acm.org/citation.cfm?id=2348339	
	Efficient Near-Duplicate Detection for QA Forum, IJCNLP	2011
	http://aclweb.org/anthology/I/I11/	
	Selecting Expansion Terms as a Set Via Integer Linear Programming, CIKM	2012
	http://www.cikm2012.org/accepted_papers.php	

EDUCATION	**Fudan University**	09/01/2010-07/01/2013
	Master Information Retrieval, Data Mining, Machine Learning	
	Shanghai Jiao Tong University	09/01/2006-06/30/2013
	Bechalor Computer Science	

SKILLS

Backend Development *(Proficient)***:** Python, Java, C++, PHP/HACK, Thrift, Flask, Django

Web Frontend Development *(Small to medium project)***:** HTML, CSS, Javascript

Android Development *(3 month of prior experience)***:** Android, BUCK

LANGUAGES

English *(Fluent)* , Chinese *(Native)*

INTERESTS

Sports *[Tennis , Snowboarding , soccer]* , Games *[Dota 1&2]*