

Yang Dong Liu

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Education

- 2012.09–2015.07 **M.S. in Computer Software and Theory**, *University of Chinese Academy of Sciences*.
- 2008.09–2012.07 **B.S. in Computer Science and Technology**, *Shandong University*.

Work Experience

- 2017.01–now **IBM, China Development Lab (CDL)**, IBM Machine Learning on z/OS Team.
The scope of the internship involves mining and analyzing cheating characteristics, making anti-cheating strategies.
- 2016.05–2016.12 **IBM, China Development Lab (CDL)**, Commerce on Cloud DevOps Team.
The scope of the internship involves mining and analyzing cheating characteristics, making anti-cheating strategies.
- 2015.07–2016.04 **IBM, China Development Lab (CDL)**, Commerce on Cloud Development Team.
Research on products tracking and tracing in internet of things and take charge of sub-projects of China Internet of Things Name Service Platform.

Internship Experience

- 2014.06–2014.12 **DIDI TAXI, Technology Department**.
The scope of the internship involves mining and analyzing cheating characteristics, making anti-cheating strategies.
- 2013.03–2014.04 **China Internet Network Information Center, Advanced Research Department**.
Research on products tracking and tracing in internet of things and take charge of sub-projects of China Internet of Things Name Service Platform.
- 2011.09–2012.08 **Institute of Computer Application Technology in Shandong University, Network Application Lab**.
Worked on the security of websites and developed a hospital website and a fan selector.

Project Experience

- 2014.04–2014.06 **Yueying App, Android**, Startup Project.
The Yueying app is a social application based on LBS, aimed at offering people opportunities to make friends by seeing films together. I have been working as a technician in Yueying studio, and responsible for designing and implementing most functions of the back-end server and a few front-end development, including purchasing server, server configuration, GPS location etc.

- 2013.09–
2013.12 **Taxi recommender**, Competition Project.
This competition was organized by Chinese Academy of Sciences (CAS), China Computer Federation (CCF) and Chongqing Municipal Peoples Government. Our task was to predict the probability and waiting time of the potential passengers who are waiting for a vacant taxi, given the passengers current positions. We proposed a model to serve the passengers by mining the historical GPS data of taxis in Beijing. I acted as the vice team leader and worked on the mathematical modeling and program development. Key technologies include traffic flow modeling, Hadoop, HBase, Google map. Finally our team won the 3rd Prize (top 17 of 660 teams).
- 2012.11–
2013.01 **Weibo character predictor**, Course Project.
We analyzed the blogger's character (internal or external) through mining his weibo contents and predicted whether he had the trend to be depressed. Key technologies include data mining, classification, NLP etc.

Publications

- 2014 **Yangdong Liu**, Ye Tian, Bo Yuan, Chang Wu, Weishuo Qian, Wei Mao, *Providing Useful Information for Passengers Based on TTF Model*, IEEE International Conference on Internet of Things 2014.

Selected Awards and Honors

- 2014 **2nd Prize Scholarship in UCAS.**
2013 **3rd Prize for National Big Data Innovation Competition.**
2012 **Outstanding Graduate Award in SDU.**
2011 **National Encouragement Scholarship in SDU.**
2010, 2011 **The First Prize Scholarship in SDU.**
2010, 2011 **Merit Student in SDU.**

Selected non-Academic Service

- 2013.07–
2014.07 **Vice President and Minister of the Academic Department of the Student Union in UCAS**, *Lead and organize student services including annual festival events, academic salons and career forums to facilitate the students campus life.*

Skills

- Languages **C = C++ = Java > Python = Shell = php.**
Kernels **Linux, Mac OS, Windows, Android.**
Database **Mysql, Hbase, Redis.**
English **CET-4 588; CET-6 492, skilled in spoken and written English.**

Community

- Blog **<http://www.lydstar.com>.**
Techblog **<http://blog.csdn.net/lydyangliu>.**
GitHub **<https://github.com/lydgithub>.**

Hobbies

Badminton, Table tennis, Music, Swimming.