

Tzu-Heng Lin (Brian) Maker, Hacker, *Creativity drives my life.*

Website : <http://lzhbrian.me>

Born in *Taiwan*, Grown up in *Shanghai*, now Studying in *Beijing* (will graduate in 2018) Email : lzhbrian@gmail.com
Currently : Junior student in *Dept. of Electronic Engineering, Tsinghua University* Mobile : +86-131-2192-9165
Objective : *Seeking Summer Internship in 2017* [\[Linkedin\]](#) [\[Github\]](#)

EDUCATION

Tsinghua University (Dual Degree)

Beijing, China

- *Bachelor of Science in Electronic Information GPA: 84/100*
Bachelor of Business Administration in Management (2nd Degree) GPA: 87/100

Aug. 2014 – June. 2018

TECHNOLOGY SKILLS

- **Languages:** Python, C/C++, Matlab, R
- **Technologies:** Git, Hadoop, Weka, MySQL, Tableau

EXPERIENCE & PROJECTS

Tsinghua University [\[link\]](#)

Beijing, China

- *Research Assistant in Future Communication & Internet Lab* Apr 2016 - Present (9 mo)
 - **Online Shopping Behaviors Analysis** (Paper in submission)
 - Mining a 30-Day, Million-User-scale dataset of JD viewing log.
 - Processed TB-scale data using Hadoop and Python.
 - **Online Video Consumption Behaviors Analysis** (Paper in submission)
 - Mining a 2-Month, 10-Million-User, TB-scale dataset from an ISP including viewing records of most main Video Content Providers, including Youku, IQIYI, Sohu, LeTV, Tencent, KanKan, etc.
 - Studied the migratory behaviors of users, found potential migratory reasons.
 - Processed the data using Hadoop and Python. Written hundreds of Hadoop MapReduce programs in Java.
 - Analyze and Visualize the data using Matlab and R.
 - Responsible for all of the data processing and analysis work.
 - **Live-streaming Video Mining** (On-going work)

Academia Sinica [\[link\]](#)

Taipei, Taiwan

- *Summer Research Internship in Data Insights Research Lab* July 2016 - Aug 2016 (2 mo)
 - **Data Mining in Facebook Fan Pages:**
 - Academia Sinica is the Top National Academy of Taiwan.
 - Research in a dataset with more than 200,000 Facebook *Fan Pages*, 28 million *posts* with *like* records in Taiwan.
 - Found patterns in posts and real categories of pages.
 - Skills including Statistics, Machine Learning, Text Mining, Time Series Analysis.
 - **Volunteer, Data Science in Taiwan Conference** [\[link\]](#)

Student Association of Science and Technology, EE, THU [\[link\]](#)

Beijing, China

- *Leader of Web Development, Tsinghua Teamstyle Programming Competition* Jul 2015 - May 2016 (10 mo)
 - **Web development:**
 - Led the web development team of *Tsinghua Teamstyle Programming Competition*.
 - Built the backend using *Yii framework* (PHP, MVC).
 - Designed and Built most data structures using *MySQL*.
 - Implemented most of the features, including *Register*, *Login*, *Online Battle*, *Forum* and *Code submit*, etc.
 - Co-work, version control using *it*. [\[github repo\]](#)

THU MakerSpace [\[link\]](#)

Beijing, China

- *Vice President, 2 years experience in maker field* Sep 2015 - Present (1.5 yrs)
 - **Maker Events and Competitions held weekly:**
 - THU MakerSpace is one of the greatest Maker Spaces in China. We have received letters from Premier Keqiang Li.
 - Led the work of *Project Dept.*, the *Public Relation Dept.* & the *Standing Dept.*
 - Directed several projects, and also Winners of many Make-a-thons.
 - **PennyRaiser: A smart donation box**
Tsinghua Maker Challenge 2015: Championship
China-US Maker Competition 2015: 3rd Prize, Top 5/300 teams all over the world
 - China-US Maker Competition is the biggest Make-a-thon in China & US.
 - I led my team and won the 5th place out of about 300 teams all over the world in 2015.

- ITE: Your personal phone companion
Tsinghua Maker Challenge 2016

SELECTED HONORS

- **Maker Representative** , Tsinghua Universtiy [\[picture\]](#)
- **1st Prize Scholarship for Taiwanese Student** , Minister of Education, P.R.C.
Top 3/50, Awarded 1st prize scholarship honor for Taiwanese student studying in Mainland China.
- **Outstanding Scholarship for Comprehensive Performance** , Tsinghua University
Top 35/260, including excellence scholarships for Science and Technology, Social Work, Arts and Cultural, respectively.

SELECTED COMPETITIONS AWARDS

- **Tsinghua Maker Challenge 2015,2016** : *Consecutive Championships* [\[2015 press\]](#) [\[2016 description\]](#)
Championships of 2015, 2016 respectively. Tsinghua Maker Challenge is the biggest Make-a-thon held in Tsinghua.
- **China-US Maker Competitions Final** : *3rd Prize, Top 5/300 teams all over the world* [\[link\]](#) [\[press\]](#) [\[press\]](#)
China-US Maker Competition is the biggest Make-a-thon in China & US
I led my team and won the 5th place out of about 300 teams all over the world in 2015.
- **Tsinghua Teamstyle Program Contest** : *3rd Prize*
A programming competition writing AI for games. I led my team and won the 5th place in 2015.

PUBLICATIONS

- H.Yan, **T.Lin**, G.Wang, Y.Li, H.Zheng, D.Jin, and B.Zhao, On Migratory Behavior in Video Consumption, *Paper Submitted.*
- H.Yan, **T.Lin**, C.Gao, Y.Li, and D.Jin, On the Understanding of User Behaviors Over Multiple Video Content Providers, *Journal Paper Submitted.*
- H.Yan, Z.Wang, **T.Lin**, Y.Li, Y.Wang, and D.Jin, Proling Users by Online Shopping Behaviors, *Poster Paper Submitted.*