

# Ruofan ZHOU

Expected date of Graduation: 07/2015

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## Education

**Tsinghua University (B.E): Computer Science and Technology** Aug.2011 – Jul. 2015

GPA: 89.4(0-100), rank 28/124

**Tsinghua University (B.A, Double Major): Digital Entertainment Design** Aug.2011 – Jul. 2015

GPA: 87.12(0-100)

**École Polytechnique Fédérale de Lausanne (exchange)** Feb.2014 – Aug. 2014

GPA: 5.52(0-6)

## Internship & Research Programs & Projects

**Computer Vision – Yitu-Inc** Feb. 2015 – Aug. 2015

Short term projects: vision feature training tool, grouping annotation tool, face grouping;

Car brand classification based on detection with jitter (precision raised from 45% to 70% on test data);

Tracking: an semi-auto annotation tool, tracking survey

**Web Mining - Google's BOLD Intern Program** Jul. 2013 – Dec. 2013

Detect non-informative part on web pages (precision raised from 68% to 70%, recall raised 0.5%)

**Social Network – Student Research Program** Oct. 2013 – Feb. 2014

A web app that can predict user's personality by analyzing his data on social network. See project at: <https://git.net9.org/zrfan/srt>. The project got Third Price at Tsinghua Challenge Cup.

**Sentiment Analysis - HCI lab of EPFL** Feb. 2014 – Aug. 2014

Auto-crawling data of European brands info from Chinese social platforms;

Emotion analysis from the texts to identify people's brand engagement.

**Game Design - Global Game Jam** Feb. 2015, Jan. 2014

Game Jam 2015: finished one android game using unity.

Game Jam 2014: finished a maze game and a RPG game in 48 hours during the jam.  
(<https://github.com/lcb931023/GGJ2014-The-Maze> & <https://github.com/zrfanzy/Solitaire>).

**Internet Analytics (Course Lab)** Feb. 2014 – Jun. 2014

Model and analysis the user data in social network ([https://github.com/zrfanzy/internet\\_analytics](https://github.com/zrfanzy/internet_analytics)).

**Music Database (Course Project)** Feb. 2014 – Jun. 2014

A singer-song website using PHP and SQL. (<https://github.com/zrfanzy/musicdb>).

**Data Mining - KEG lab of THU** Jul. 2013 – Dec. 2013

**Phone Model & Mesh Simplification (Course Project)** May. 2013 – Jun. 2013

**Tank mania (Course Project)** Mar. 2013 – May. 2013

## Honors and Achievements

- Google Anita Borg Memorial Scholarship (2014)
- Third Prize at Tsinghua University Challenge Cup (2014)
- Integrated Scholarship: Friends of Tsinghua-Shengda Scholarship (2013)
- Integrated Scholarship: National Scholarship (2012)
- Literary Scholarship (2013, 2014)
- Bronze medal in Asia-Pacific Informatics Olympiad (China Regional, 2009)
- First prize in National Olympiad in Informatics in Provinces (Shanghai Regional, 2008&2010)
- Number 3 in BUPT ACM/ICPC campus (2010)
- Third prize in PKU ACM/ICPC campus (2010)
- First prize in "Casio Cup": Middle School Programming Contest (Shanghai Regional, 2010)

## Experience

- Started to learn computer programming at 8, and was recommended for admission to THU for programming competition. Liked to take programming contests (ACM/ICPC, GCJ etc.).
- Provided problems for PKU ACM/ICPC campus: *Problem H* and *Problem J* (2011)
- Provided problems for NOI (National Olympiad in Informatics) team competition: *fourcolors* & *fourcolor2* (2010 & 2011)
- Leader of the electro-acoustic band SPLAY, perform on Student Festivals and Campus Rock Festival, won the Best Origin Song in Campus Singer Competition (Jul. 2013 – now)
- Member of Tsinghua University Military Band (playing percussion), perform on opening ceremony, school sports meeting, New Year Party etc. (Sep. 2011 – now)
- Worked for SECSA (Shanghai Educational Center of Science & Art) web, design the web images and flash (2007)
- Worked for CSSA (Chinese Student & Scholars Association Lausanne), help for organizing activities and making propagandas. (Feb. 2014 – Nov. 2014)
- Member of Publicity Center of the Department (Jul. 2012 – Jul. 2013)
- Finished a campus novel (about 130,000 Chinese character) in 2011.
- Hobbies: photography, music, singing, design, drawing, cuisine, etc.