**Curriculum Vitae**

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| **Chinese Name** | 周建宇  Zhou Jianyu | **English Name** | David Zhou | **Gender** | Male |
| **Major** | Computer Science and Technology | **Department** | Computer Science and Technology | **University** | Tsinghua University |
| **Email** | zjythu@163.com | **Mobile Phone** | (+86)18810918292 | **Date of Birth** | Oct 19th, 1994 |
| **Address** | ZiJing Apartment 2# 303A, TSINGHUA UNIVERSITY, BEJING. 100086 | | | | |
| **Hobbies &Interests** | **Music**  ·Singing, Piano, Violin, Guitar and Saxophone.  **Sports**  ·Martial arts, Table tennis, Basketball and Swimming. | | | | |
| **Education and Skills** | **Educational background**  ·Bachelor’s degree in Computer Science, Tsinghua University. (Aug 2013 - July 2017 Expected).  ·Second Bachelor’s degree in Management, Tsinghua University. (Sep 2014 – July 2017 Expected).  **Scholastic attainment**  ·Total credits owned: 239 (170 required for graduation), top5%. ·Overall GPA: 81.3 out of 100, top 70%. ·Total Grade Point: 17311, top 5%.  **Professional programming skills** ·Proficient in C++, python and Java ·Basically master JavaScript, MATLAB, HTML5, CSS and R  **Music talent** ·Piano amateur of 10th level.  ·Violin amateur of 10th level.  ·Skillful at singing and music composition.  **Good English skills** ·Able to talk freely in English. ·Got 7 in IELTS in Senior high. ·Got 579 in CET6 in freshman year. | | | | |
| **Projects** | **Flying Car**  ·Designed and implemented a virtual driving system with another team member.  ·Recognition of simple gesture is powered by the API from Leap Motion device.  **RoboWheel**  ·Independently designed and implemented a mobile robot.  ·Components of robot are supplied by the ROBOTERRA company.  **ThuBitCoin**  ·Build a Bitcoin transaction system with Hadoop distributed system with another member.  ·Core trading strategy is based on MIT’s paper *Bayesian regression and Bitcoin.*  ·Source code is available on https://github.com/ZhouDavid/ThuBitCoin.  **ShadowCats**  ·A website for kids to learn programming with game playing.  ·Source code is available on https://github.com/chenwenxiao/shadowcats.  **16-bit THCO MIPS**  ·Designed and implemented a 16-bit MIPS CPU with VHDL on FPGA with other two members..  ·VGA and keyboard are also implemented as extensions to CPU.  **China Crowdsourcing**  ·A crowdsourcing website (http://www.chinacrowds.com) for users to issue and solve problems online.  ·Independently designed and implemented all web pages with HTML, CSS and JavaScript.  ·Source code is available on https://github.com/ZhouDavid/ChinaCrowdSource | | | | |
| **Extracurricular Experience** | **Academic Activities**  ·Involved in MCM (Mathematical Contest in Modeling) with other two members and completed a paper *An Optimal Strategy for Goodgrant Foundation*.  ·Independently involved in Kaggle competition for *San Francisco Crime Classification* and got 318th place out of 2335 groups, top 14%  **Physical Exercise**  ·Captain of table tennis team of CST of Tsinghua and got top 8 in the Tsinghua table tennis games, 2014.  ·Member of class football and basketball team.  **Organization and Cooperation**  ·Chairman of Tsinghua Curriculum Advisory Committee, 2016.  ·Vice-chairman of Student Union of department of Computer Science and Technology, Tsinghua University, 2016.  ·Involved in the organization of the 24th and 25th Tsinghua Singing Competition.  ·Leader of the group of summer service and learning program in Rural China(SSLP), 2014.  ·Principal of Tenor voice part of Tsinghua Chorus Team, 2014.  **Others** ·Member of Top-new-student Camp in THU，2013.  ·Started the first rock bank in department of CST of THU and being the coryphaeus of bank. | | | | |
| **Scholarships and Awards** | ·Successful Participant Award in Mathematical Contest in Modeling, 2015.  ·The Artistic Excellence Award of Tsinghua University,2014.  ·The Artistic Excellence Scholarship in THU，2015.  ·The Social Practice Award of Tsinghua University, 2014.  ·The Best Original Music Award in the 24th campus singing competition of THU,2014. | | | | |