

Yiwei Bai

Shanghai Jiao Tong University
ACM Honored Class
bywbilly@gmail.com

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|------------|---|-----------------------|
| Education | Junior Student major in Computer Science | Sep. 2014 - Present |
| | <ul style="list-style-type: none">• Currently doing research in Professor Yong Yu's APEX laboratory advised by Yong Yu and Gui-rong Xue and focusing on the reinforcement Learning and Deep Learning in AI.• Studying in ACM Honored Class. Score: 86/100. | |
| Experience | CyberSecurity Camp@Singapore 2017 | Feb. 2017 |
| | National University of Singapore <ul style="list-style-type: none">• Learn Courses of Deep learning and Cyber-security• Participate the hackson and do a little research in defense under black-box setting. | |
| | Develop trgo an ai system playing the game of Go | Jun. 2016 - Present |
| | Shanghai Jiao Tong University APEX lab <ul style="list-style-type: none">• Our trgo reached kgs 9 dan the standard of low-ranked professional Go player• Train and Tune the policy network and value network• Improve the policy network with policy gradient using reinforcement learning• Extract the features of all the data• https://y.tianrang.com/(sorry for Chinese) | |
| | Teaching Fellow at Introduction to Programming | Sep. 2015 - Jan. 2016 |
| | Shanghai Jiao Tong University ACM Honored Class <ul style="list-style-type: none">• Prepare the material of assignment and test• Write the server for the AI project.• Answer the question of the younger students and Help them learn better• https://acm.sjtu.edu.cn/wiki/Programming_2015 | |
| | Vice president of the GO club | Sep. 2015 - Apr. 2016 |
| | Shanghai Jiao Tong University <ul style="list-style-type: none">• Organize the routine activities• Try to make the GO be popular among the university students | |
| | Compiler 2016 | Apr. 2016 |
| | <ul style="list-style-type: none">• A toy compiler for the compiler course. The source language is mixed with C and JAVA and the target code is MIPS assembly code.• https://bitbucket.org/bywbilly/compiler2016 | |
| | Toy CPU | Sep. 2016 |
| | <ul style="list-style-type: none">• A toy MIPS CPU for the operating system course. Implement all the MIPS instructions except for co-processor instructions. | |

- <https://bitbucket.org/bywbilly/mycpu>

Awards

Gold Medal of ACM Shanghai metropolitan contest Apr. 2015

- I am a member of the Team Coup de grace. We solve 7 problems and win the gold medal

Zhiyuan College Honored scholarship Oct. 2015

- This is the scholarship for top 10% students in Shanghai Jiao Tong University

Second level scholarship of Shanghai Jiao Tong University Oct. 2015

- This is the scholarship for top 15% students in Shanghai Jiao Tong University

Honored Mentions In Mathematical Contest in Modeling Feb. 2016

- Our team design a model to analysis how to donate the American university

Skills

- **Advanced:** Java, C/C++, Python
- **Prior Experience:** VHDL, HTML, Matlab