

Yijie Mei

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Education Background

2012/9-2016/6 **Shanghai Jiaotong University**

Undergraduate of IEEE Pilot Class , Major in Computer Science.
GPA: 3.41/4.3

2009/9-2012/6 **Shanghai Nanyang High School**

Honor and Scholarship

2015 *Honorable Mention of Mathematical Contest In Modeling (US).*
Worked on an algorithm to estimate Ebola infected population and the amount of vaccine to cure Ebola. Created a data visualization tool to present the estimation above.

2013 *Academic Excellence Scholarship of Shanghai Jiaotong University for 2012-2013 academic year*

Working Experience

2014/8-2014/9 **National Instruments, Shanghai**

IT department intern

Responsible for software and hardware maintenance. Developed a server monitoring software and created a management tool of Windows Domain, both for internal use of the IT department.

Research and Development Experience

2014---Present Join RAD Lab at Shanghai Jiaotong University, which is leaded by Prof. Linpeng Huang. Working on adapting Linux to the emerging non-volatile memory, and trying to add non-volatile memory management on Linux kernel.

2013/9-2014/2 Developed a crawler based on an open-source project “crawler4j” to obtain Chinese and English corpus.

2013/4-2013/6 Led a team to develop a billiard game on Android as a course project, featuring game controlling by body motion, 3D graphics and online battles, which is commend by the course lecturer and other course takers. I was responsible for the framework, game

controls and networking of the project.

Personal Projects

2012-2014

FishHook

An API hook platform on 32/64-bit Windows, based on which developers can easily create system-level monitoring programs, debugging programs and so on.

2014-Present

Birdee

A programming language designed for distributed computation with distributed shared memory, featuring cross platform execution, JIT compiler and distributed memory cache. Currently working on it.

Project site: <https://github.com/Menooker/Birdee>

Skills

Programming Languages

C/C++, Java, VB, Python, Matlab

Leadership

Monitor of class F1203025 of Shanghai Jiaotong University

Language

TOEFL iBT score: 100

Self-evaluation:

- Personal interest on computer science: Operation system (Windows/Linux), parallel/distributed computation.
- Expert in programming, mastering a variety of programming skills, curious of technical stuffs
- Good at teamwork, diligent and having strong responsibility.