

Fangjie Yao

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🌐 <https://github.com/frankyao47>

🎓 EDUCATION

2014.09 - 2017.03	Shanghai Jiao Tong University	Electronic Engineering
2010.09 - 2014.07	Shanghai Jiao Tong University	Information Engineering

⚙️ RELATED SKILLS

Computer science: Familiar with C/C++, Python.
Know about Java, HTML, CSS, Javascript, SQL, Linux

English : CET-6: 623

👤 PROFESSIONAL EXPERIENCE

Netease Games: Development of distributed stressing-test framework 2016.07 - 2016.09

- Modified the original multi-thread framework to multi-processing
- Decoupled IO module and Robot operation module
- Simplified the work of writing flexible testing RPC script

Microsoft: Development of Open-Hackathon Website 2015.12 - 2016.03

- Participated in replacing the website's database, from MySQL to MongoDB
- Added new functions (notice display & wysiwyg editor integration)
- Studied and added Azure Login for the website

Xichao: Website development (<http://xichao-o.com>) using Python Flask 2015.01 - 2015.04

- Accomplished front-end UI (with Bootstrap + jQuery)
- Participated in SQL structure design for the website

Ericsson: Development of Code review tool for Erlang 2013.07 - 2013.11

- Developed several static rule inspection modules (Code style, compatibility, etc.)

🔍 LAB RESEARCH

AVS+ encoder development 2015.07 - 2015.11

- Completed new standard (AVS+) related functions
- Optimized some hot spots by replacing C code with assembly (SSE2)

Optimization for open-source video encoder x265 (Graduation project) 2014.03 - 2014.06

- Found out time-consuming parts for intra coding through profiling and reduced their complexity
- Wrote a Python script to simplify the work of generating testing batch files

🎁 AWARDS

2013.09 & 2012.09 & 2011.09	Academic scholarship, Shanghai Jiao Tong University
2014.06	Excellent graduate, Shanghai Jiao Tong University