ZIYAO FAN

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EDUCATION

Sun Yat-sen University — School of Software
Bachelor of Engineering (B.E.), Software Engineering (2012-2016)

INTERN

NetEase，Backend Engineer — 2015.7 - Present
Intern at NetEase(NASDAQ:NTES), Online Game Dept., Web Platform Service Dept. I join the team developing internal platforms and some online services.

PROJECT & EXPERIENCE

Guangzhou HongAn IT Co., Ltd，Project Leader — 2014.12-2015.6
This is a project about regional health system solution including web-cloud and SaaS hospital client. I took responsible of the web-cloud project as a leader, designed the architecture of the system and optimized DB, using both RDBMS and NoSQL DBMS. It provides cloud data service with RESTful API.

Open Source Mirror of SYSU，Maintainer — 2013.10 – 2015.4
This is a charity project sponsored by Linux User Group in our school as well as I am one of the founders. I mainly took responsibility of maintaining the **NPM** & **PyPI mirror.** Link：http://mirror.sysu.edu.cn

Smart – Programmer
A online homework judge website project using Python Django and MySQL. I developed some functional components and application logics and maintained over a period of time. Now the project is stably used in my school for homework and exam judge.

MekBlog
A light personal blog template using Python Flask, Flat UI and jQuery. Designed to be extensible.

ArDrone Air Controller
A remote controller kit of ArDrone. It supports remote controlling flight and auto flight, as well as flight data acquisition, under 3G network. We can develop applications such as Football/Athletics match auto camera and etc, based on it. We use Object-C developing ArDrone client and Python for server side.

School of Software SYSU，C++ Training Head TA — 2014.6-2014.8
Head Teaching Assistant of Software Engineering Practical Training(C++) in School of Software. I took direct charge of all teaching assistants, designed & refactored training cases, wrote documentations and automatic judge tools using Python.

ORGANISATION

SYSU Google Camp，Vice-chairman — 2013.5 - 2014.9
Director of technical discussions and competition, made cooperation with other technical clubs, raised programming competition, help newer as mentor.

SYSU Cisco Team，Minister of R&D — 2013.9 - Present
Director of technical discussions, maintaining team web server and laboratory devices, participating in team management.

SYSU LUG，Member — 2013.4 - Present
Moderator of SYSU BBS Linux Board，participated in GZLUG offline activities.

SKILL

Familiar with common **data structures** and **algorithm**, principle of OS.

Skillful and experienced at **C/C++/Python**. Eight years' using of C++. Understand mechanisms and principles of C++ including C++1x standard. Able to write simple interpreter, database engine and encryption algorithm.

Know few JavaScript, ever developed **Node.JS** projects. Familiar with Web backend developing, know asynchronous IO and event-driven service model and solutions.

Know common network protocols and security technology.

Know implementation and principle of common **RDBMS** and **MongoDB**.

Experienced in ***nix** system using and maintaining.

AWARD

Second Price of The ACM Asia Programming Contest Guangdong Provincial Contest 2015.