

# Fu Cong

## Resume

### Education

- 2016 – Present **Master of Computer Science**  
Academy of electronic information and  
electrical engineering  
*Tongji University*
- 2012 – 2016 **Bachelor of Computer Science**  
Academy of electronic information and  
electrical engineering  
*Tongji University*

### Work Experience

From Feb 2016 to Nov 2016  
*Cisco Research Department of China(CRDC)*

#### Intern

- 1. Web GUI for the LORA system. Develop and maintain system. (Python, Django, Postgres, Cassandra, Bootstrap).
- 2. Auto testing script. Develop auto-testing script for router/switch.(Python)
- 3. Bug fixing. Fix bugs for router/switch system. (C, Linux)

### Project Experience

- 2017.3-PRESENT **Stock price prediction** python, matlab, pandas, numpy, tensorflow  
Combine deep learning algorithm with traditional method to predict the value of a time series(stock price here). Some achievements have been made so far.
- 2015.12-2016.6 **Computer aided 3D-reconstruction of human blood vessels** C, matlab  
Given a set of slice images of a object, reconstruct its 3D model. RayCasting algorithm is adopted.
- 2015.6-2015.8 **Html based database** C  
Project for compiling theory. A nonsql database which uses html to store data is designed.
- 2015.1-2015.2 **Online card game/Online chart system** C, TCP, socket  
Design sever for multiplayer card game and online chart system.
- 2014.11 **32-bit MIPS CPU and Application** verilog  
Design a 32-bit CPU with interruption which can run 64 mips instructions. NEXYS3 platform is used to synch & run code.
- 2014.7 **Simple file system** C  
Design a linux-like file system. The following command line are supported: ls, cp, mkdir, cd, read, write  
A simple command line system without command line tree is designed to manipulate file system.
- 2014.4-2015.3 **Public washing machine book system** java, Android  
Design a system for booking public washing machines.
- Others **Game: Tic-Tac-Toe, Handwritten number detection...**

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### Awards

- 2015 **First-class Scholarship of Tongji University**  
*Tongji University*
- 2015 **Second-class Scholarship of ENN Energy**  
*ENN Energy Holdings Limited*
- 2014 **Second-class Scholarship of Tongji University**  
*Tongji University*

### Computer Skills

Fluent C, Python, Git, Linux

Intermediate SQL, Java, C#, JavaScript

Basic C++, Shell, HTML, PHP, Dock, Verilog

# 傅聪

## 简历

### 教育经历

- 2016 – 至今 计算机专业硕士  
电子信息与工程学院  
同济大学
- 2012 – 2016 计算机专业学士  
电子信息与工程学院  
同济大学

### 工作经历

从 2016.2 至 2016.11  
思科系统中国研发有限公司 (CRDC)

实习生

- 1. 为 LORA 系统开发、维护 web 控制模块。(Python, Django, Postgres, Cassandra, Bootstrap).
- 2. 自动化测试脚本。为路由器 / 交换机开发测试脚本。(Python)
- 3. Bug 修复。为路由器 / 交换机修复 Bug。(C, Linux)

### 项目经历

- 2017.3-至今 证券预测 python, matlab, pandas, numpy, tensorflow  
将深度学习方法与传统方法结合, 预测时间序列下一时刻的值。
- 2015.12-2016.6 血管的三维模型重建 C, matlab  
根据物体(血管)的截面图像, 使用 RayCasting 算法重建三位模型。
- 2015.6-2015.8 基于 **Html** 的数据库 (**nosql**) C  
编译原理课程设计, 一个可以通过 CLI 操作, 使用 HTML 存储的数据库。
- 2015.1-2015.2 **Online card game/Online chart system** C, TCP, socket  
Design sever for multiplayer card game and online chart system.
- 2014.11 基于 **MIPS** 指令的 **32 位 CPU** 及其应用 verilog  
设计一个可以运行 64 条 mips 指令, 带中断的 32 位 CPU。在赛灵思 NEXYS3 平台上综合下板测试。
- 2014.7 文件系统 C  
一个类 Linux 文件系统, 支持 ls, cp, mkdir, cd, read, write 命令。同时设计一个简单的 CLI 系统用于操作。
- 2014.4-2015.3 公共洗衣机预约系统 java, Android  
一个用来预约宿舍内公共洗衣机的系统, 后端部署在云上。
- 其他 井字棋游戏, 手写数字识别。。。。。



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### 奖励

- 2015 同济大学一等奖学金  
同济大学
- 2015 新奥能源二等奖学金  
新奥能源有限公司
- 2014 同济大学二等奖学金  
同济大学

### 专业技能

- 熟练 C, Python, Git, Linux
- 一般 SQL, Java, C#, JavaScript
- 基本 C++, Shell, HTML, PHP, Dock, Verilog