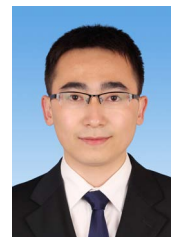


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教育背景

浙江大学	控制科学与工程（模式识别方向）	硕士	2015.07 - 2018.03
• 平均成绩：89/100，获得校级优秀研究生荣誉称号			
上海交通大学	应用化学	本科	2011.09 - 2015.07
• 专业排名：1/15，获国家励志奖学金1次，校级奖学金2次；英语六级535分通过，无障碍阅读英文技术资料			

获奖情况及相关证书

华为 Code Craft 软件精英挑战赛	杭厦赛区二等奖	计算机等级考试	二、三、四级均通过
PAT (浙大编程能力测试)	甲级、乙级均为100分满分	计算机软考	初级程序员, 中级嵌入式工程师
美国大学生数学建模大赛	Honorable Mention (二等奖)	全国大学生数学建模比赛	上海赛区二等奖
DJI RoboMasters 比赛	全国三等奖 & 华东赛区二等奖 (负责电机控制算法编写, 硬件电路设计制作等)		

专业技能

- 熟练掌握C语言；用过并了解C++、Java、Python、C#、汇编(ARM)等；掌握常用的数据结构及算法
- 熟悉STM32等MCU；熟悉uC/OS等RTOS；对Linux, Bootloader, ARM等底层嵌入式技术有一些基本概念
- 熟悉GIT或SVN版本控制流程，有软件工程的基本概念；熟悉Doxygen文档生成工具，代码习惯良好
- 熟悉硬件分析及设计，掌握示波器等基本仪器的使用，具有良好的软硬件系统协同调试能力

项目经历

基于Python的网站变化监测系统	个人开源兴趣项目	2016.07
• 独立完成整个系统，并在Github上开源分享此项目代码；可自动监测多个网页面的更新情况，并支持关键词过滤，如有感兴趣的新信息发布，会通过微信公众号进行实时推送		
• 程序运行于腾讯云上，用于监测学校通知、招聘宣讲会等信息，实际使用效果良好，系统稳定运行至今		
U-boot在S3C2440上的移植	课程设计	2016.06
• 将U-boot 2016.05、Linux Kernel 4.6.3移植至Mini 2440开发板上，并为U-boot添加了一些自定义命令		
• 使用crosstool-ng制作交叉编译链；稍微阅读了一些U-boot源码，并学习了一些系统引导过程的基本知识		
基于STM32F1的智能空气检测器	课程设计	2016.03 - 2016.04
• 可测量PM2.5、VOC等，并可数据上传至云端；负责分工协调、部分硬件及软件设计、文档撰写及整理等		
• 使用了uC/OS-II，并阅读过其源码；Wi-Fi通信使用ESP8266；Wi-Fi连接使用SmartConfig		
基于STM32F4的汽车A柱盲区消除系统	国家级大学生创新实践项目	2013.10 - 2014.10
• 通过摄像头及多块LCD模拟实现汽车A柱“电子透明”效果，项目同时获得“Mouser智能硬件创客大赛”二等奖		
• 作为项目负责人完成此项目大部分工作，涉及硬件设计、程序编写、系统测试等工作		
智能车设计制作	全国大学生智能汽车竞赛	2012.12 - 2013.08
• 代表上海交大参加第八届竞赛摄像头组的比赛，主要负责硬件电路设计制作、底层程序编写等		
• 为之后若干届校内赛设计PCB板，并编写相应底层程序，设计方案及程序被近百支参赛队伍使用，反馈良好		

实习经历

浙江中控技术股份有限公司	实习生	2015.08 - 2016.11
• 参与完成PMSM伺服控制器矢量控制算法开发，电机加减速性能提升50%，且解决了降速电压泵升问题		
• 参与缝纫机控制面板的改进工作，完成基于51单片机的语音面板及Android控制程序原型开发		

自我评价

- 热爱技术，喜欢探索新技术，乐于接受新的挑战；学习能力强，能快速学习所需知识并将其应用于工作中
- 善于总结，喜欢钻研，乐于分享；个人技术博客一年多来已有累计超过1W次访问量

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EDUCATION

Zhejiang University	Automation	Master	2015.07 - 2018.03
<ul style="list-style-type: none">GPA : 89/100. Won the Outstanding Graduate Students.			
Shanghai Jiao Tong University	Applied Chemistry	Bachelor	2011.09 - 2015.07
<ul style="list-style-type: none">Ranking: 1/15. Won the National Encouragement Scholarship 1 times, school scholarship 2 times.			

AWARDS and CERTIFICATION

HUAWEI Code Craft 2017	Silver Medal (Hangzhou Site)	NCRE	Level 2, 3, 4
PAT (Programming Ability Test)	Full Score in Advanced Level	DJI RoboMasters	Third Prize
National Mathematical Modeling Contest	Silver Medal (Shanghai Site)	ICM 2014	Honorable Mention

SKILLS

- Familiar with C. Learn about C++, Java, Python, C#, Assembly, etc. Familiar with data structure and algorithm
- Familiar with STM32 and other MCU. Familiar with RTOS. Have basic knowledge on Linux, Bootloader and ARM
- Familiar with GIT and SVN. Have basic concept on software engineering. Have good programming style
- Familiar with hardware design. Have good hardware and software co-debugging ability

PROJECT EXPERENCES

Website Monitoring System based on Python	Personal Open Source Project	2016.07
<ul style="list-style-type: none">Completed the entire system independently and shared the code on GithubThe system can automatically monitor the update of multiple website pages, and support keyword filtering. If new content is published, a real-time notification will be pushed via WeChat Public PlatformThe Program is deployed on Tencent Cloud, used to monitor some notice, which stable operation so far		
Porting U-boot for S3C2440	Curriculum design	2016.06
<ul style="list-style-type: none">Porting U-boot 2016.05, Linux Kernel 4.6.3 for Mini 2440, and adding some custom commands for U-bootUse crosstool-ng to create cross-compiler chain. Read some of the U-boot source code, and learn some basic knowledge of the system boot process		
AirSense based on STM32F1	Curriculum design	2016.03 - 2016.04
<ul style="list-style-type: none">Measuring PM2.5, VOC, temperature and humidity, and the data can be uploaded to the cloudUsing uC/OS-II and reading the source code. Wi-Fi communication is based on ESP8266 and SmartConfig		
A-Pillar Blind Spot Eliminate System	UJTP	2013.10 - 2014.10
<ul style="list-style-type: none">Using camera to catch the scenes outside the vehicle, and convey the scene of A-pillar blind area by STM32F4 MCU to the LCDs, and therefore helps the driver acquire additional information about the roadAs the project leader to complete most of the work of this project, involving hardware programming and so on		
Smart Car Design	University Intelligent Car Race	2012.12 - 2013.08
<ul style="list-style-type: none">On behalf of SJTU to participate in Camera Group competition of the University Students Intelligent Car RaceDesign the PCB and HAL driver in school race for several years, which are used by nearly 100 teams		

INTERNSHIP EXPERIENCES

Zhejiang SUPCON Technology Co., Ltd.	Intern	2015.08 - 2016.11
<ul style="list-style-type: none">Responsible for motor control algorithm and embedded software development, involved in the development of PMSM servo controller based on C2000 DSP and 51MCU sewing machine control panel prototype development.		

EVALUATION

- Geek, like to explore new technologies, willing to accept new challenges. Strong learning ability
- Good at summing up, willing to share. Personal blog has more than 10,000 visits for more than a year