

Name: JIARUI DING

Birth: Jan 10, 1993

Education: Undergraduate

School: Beijing Institute of Technology

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Experience @ School

- Grade: GPA 92/100 Major Ranking: No.1
- English Level: GRE 324 + TOEF 106
- Been awarded National Scholarship twice (2012, 2013)
- Been awarded 'Excellent Students Pacesetter' title (1%)
- MCM 2014 Honorable Mention
- Attend Summer Session 2013 at UCB, majored in Cognitive Science and General Psychology.

Experience of Work & Research

- Developing '***Plant Encyclopaedia Search System Based on Mobile terminal***'

I've been involved in developing this system in Dr. Xiabi Liu's lab. This project is related to Pattern Recognition & Machine Learning. This project has been applied as the National Undergraduate Scientific and Technological Innovation Project.

- Internship @ **National Bureau of Statistics of People's Republic of China**

I've been involved in testing the software for CPI data collecting. Also, I've been taking part in developing the '*Automatic Generating System for ten-day reports*', which can automatically turn an EXCEL file into a descriptive WORD file in the sense of natural language.

- Internship @ **Chinese Academy of Science (NLPR, CASIA)**

I was in charge of developing classifier for mobile terminal (iOS). This project relate to Deep Learning and Pattern Recognition. It is a little bit like the project I took in Dr. Xiabi Liu's lab. But this time, we are using Convolutional Neural Network Algorithm (CNN). The project is based on Caffe framework developed by UCB.

Professional Skills

- Programming Languages

Good at: C / C++, Objective-C, Python, LaTeX, markdown(kramdown & Github markdown)

Used before: Ruby, VBA, Verilog HDL, Matlab, HTML, CSS

- Experience in iOS / Cocoa developing

I developed a software called iSharing with my classmates at school (a file sharing software base on cloud, including client software for multiple OS). And during the intern at NLPR, I finished the whole iOS project on my own. They can be found on my GitHub.

- Familiar with Linux / Unix / OSX environment

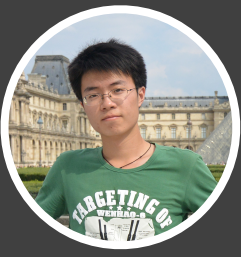
Have no difficult in using command lines to interact with the system. Also, know how to use vim.

- Familiar with Jekyll

- Familiar with Caffe framework

Self Assessment

- Strong ability in self studying
- Strive for excellence, can finish work assigned beyond the criteria.
- know how to cooperate; have the ability to coordinate jobs between different department
- A little bit weak in dealing with interpersonal relationship, good in communicate with people for working things.



姓名: 丁嘉瑞

出生日期: 1993年1月10日

学历: 本科

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在校经历

- 成绩: GPA 92/100 专业排名:1
- 英语能力: GRE 324 + TOEFL 106
- 两次获得国家奖学金 (2012, 2013)
- 荣获优秀学生标兵称号 (1%)
- 数学建模美赛二等奖
- 参与加州大学Berkeley分校Summer Session, 主修认知心理学 (Cognitive Science)与心理学

研究和工作经历

• ‘移动终端植物百科搜索系统’开发

在刘峡壁老师的实验室下进行该系统的开发, 涉及模式识别和机器学习相关内容。该项目成功申请国家级大学生创新项目。

• 国家统计局数管中心

参与CPI数据收集软件的测试工作, 完成旬报自动生成系统的开发, 系统可以将EXCEL数据自动转化为WORD描述文档, 符合自然语言表达。

• 中科院自动化研究所: 模式识别实验室

参与移动端智能分类软件的开发工作, 担任项目组组长。涉及深度学习内容, 使用卷积神经网络算法实现。该项目基于UCB开发的Caffe框架。

专业技能

• 语言能力

擅长: C / C++, Objective-C, Python, LaTeX, markdown(kramdown & Github markdown)

曾使用: Ruby, VBA, Verilog HDL, Matlab, HTML, CSS

• 熟悉iOS / COCOA 开发

大学期间和同学一起开发了iSharing软件(云端文件共享, 包含多系统客户端), 熟悉了软件开发的一般模式以及开发历程。在中科院实习期间, iOS端软件开发部分由本人独立完成。你可以在我的Github上看到, 详情见iOSSClassidier项目。

• 熟悉Linux / Unix / OSX环境

能使用命令行与系统交互, 会vim的基本使用

• 熟悉Jekyll

• 熟悉Caffe框架

自我评价

- 自学能力非常强
- 做事精益求精, 能吃苦, 布置的任务能超标准完成。
- 懂得合作, 善于协调各部分工作。
- 沟通能力欠佳, 处理人际关系较单纯, 但工作方面沟通能力不弱