

卢安琪

计算机科学硕士，爱丁堡大学

联系方式

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语言

英语 IELTS 7.5
西班牙语

编程语言

♥ Python
C#, JAVA, C, PHP
JavaScript
(X)HTML, CSS

数据库

MS SQLServer
ORACLE Database
MySQL database
MongoDB database

集成开发环境

Eclipse
PyCharm
Visual Studio

操作系统

Linux/UNIX
Windows

编辑器

Vim

教育背景

2014–2015 硕士学位，计算机科学

爱丁堡大学，英国

◆GPA: 3.75/4.0

◆毕业项目: dispel4py 性能测评机制。该项目为科学 workflows 系统 dispel4py 建立性能监控框架以及性能数据库，监控并分析时间，内存，数据流特征，工作流拓扑等参数，以优化工作流部署决策。

◆研究论文: 云计算中基于遗传算法的任务分配机制。该论文介绍基于优化的遗传算法的任务分配算法，并分析它们如何提升性能（缩短时间，降低能耗，平衡系统资源分配，提升系统资源利用率）。

◆主要课程: 高级数据库；并行编程语言及系统；分布式系统；极限计算；信息论；语义型网络系统；软件开发架构、流程及管理

2010–2014 学士学位，电子商务

上海财经大学，中国

◆GPA: 3.38/4.0

◆主要课程: 程序设计基础；面向对象的程序设计；数据库；计算机网络；数据结构；管理信息系统；综合设计实验；高等数学；概率论与数理统计；运筹学；离散数学；高等代数

工作经验

2014 EMC² 易安信信息技术研发 (上海) 有限公司

上海，中国

实验室软件工程师，实习生

- 开发与维护 LMS2 (实验室管理系统 II)。主要参与模块为网络管理模块，权限控制模块，仪表盘模块，用户 ticket 模块。CakePHP, MySQL, Apache
- 开发网络应用程序，支持实验室用户的特定需求。Python
- 支持与维护实验室内的服务器以及存储设备软硬件。

2013 上海众言网络科技有限公司

上海，中国

项目技术支持工程师，实习生

- 根据客户需求，开发定制的调研系统。Django
- 分析与处理调研数据。NumPy, PANDAS
- 管理调研数据。MongoDB

获奖情况

2014 三等奖, 上海市大学生计算机应用能力大赛

上海，中国

作品 SUFEEL 网站 (<http://sufeel.org>) 在最终逾 400 件参赛作品中获得三等奖。C#.net, Microsoft SQL Server, IIS

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master of computer science, university of edinburgh

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languages

chinese mother
tongue
english fluent
spanish basic

programming languages

♥ Python
C#, JAVA, C, PHP
JavaScript
(X)HTML, CSS

databases

MS SQLServer
ORACLE Database
MySQL database
MongoDB database

development environment

Eclipse
PyCharm
Visual Studio

shell

Linux/UNIX
Windows

editors

Vim

education

2014–2015 **Master** of Computer Science University of Edinburgh, United Kingdom

- ◆ GPA: 3.75/4.0
- ◆ Thesis: A profiling mechanism for dispel4py. This infrastructure is made up of Profiling Framework and Performance Database. Workflows characteristics are captured, stored, managed and analyzed to improve the efficiency of future workflow instances.
- ◆ Research Review: GA-Based Task Scheduling Algorithms in Cloud Computing. This paper introduced optimized task scheduling mechanism, based on standard Genetic Algorithm, and reviewed how they improved performance.
- ◆ Course Work: Advanced Databases; Distributed Systems; Extreme Computing; Information Theory; Introduction to Java Programming; Parallel Programming Languages and Systems; Semantic Web Systems; Software Architecture, Process, and Management

2010–2014 **Bachelor** of E-Commerce Shanghai University of Finance and Economics, China

- ◆ GPA: 3.38/4.0
- ◆ Course Work: Advanced Algebra; Advanced Mathematics; Basic of Program Design(C/C++); Comprehensive and Designing Experiments(Windows App/ Web App); Computer Network; Database; Data Structure; Discrete Mathematics; Object-Oriented Program Design(Java); Operations Research; Probability Theory and Statistics

experience

2014 **EMC²** Shanghai, China

Lab Software Engineer, Intern

- Developed and maintained LMS2 (Lab Management System II) with CakePHP framework in Linux, mainly taking part in network management module, access control module, dashboard module and user ticket module, in partnership with two colleagues.
- Developed web application supporting lab users, such as a random password generator and encryptor, used by Lab team, IT team and all the team managers.
- Supported and maintained local servers and storages in lab.

2013 **Shanghai Zhong Yan Network Technology** Shanghai, China

Project and Technical Support Engineer, Intern

- Developed survey systems in Django, with (X)HTML/JavaScript/CSS on front end and Python on back end.
- Processed survey data with NumPy and PANDAS (Python Data Analysis Library).
- Managed survey data in MySQL Database and MongoDB.

awards

2014 **3rdPrize, Shanghai College Students Computer Application Contest**

Shanghai, China

Awarded 3rd prize for SUFEEL(<http://sufee1.org>) web application, out of over 400 projects.