

Shengyu Liu

+61 404393585 | sliu8641@uni.sydney.edu.au

Australia-Sydney | Birthday:1997/12/27

2019 Graduate | Objective: Data Management and Analysis



EDUCATION

University of Sydney (USYD)

Jul 2018 - Dec 2019

Master/ Major of Data Management and Analysis/ School of Computer Science

Australia-Sydney

- Major courses: system analysis and process, database management, machine learning and data mining (data preprocessing and various classifiers), cloud computing (Spark), visual analysis, IT innovation analysis and other related professional courses and academic topics Research (project on data analysis in the medical field)
- Average score: 75 (Distinction)
- Honours: Research graduate students (applications when grades and experiences meet requirements)

Shanxi Agricultural University (SXAU)

Sep 2015 - Jun 2019

Bachelor/ Major of Software Engineering/ School of Software

China-Shanxi-Jinzhang

- GPA: 3.63 / 4.0
- Major Course:
Computer Science, Probability and Statistics, Discrete Mathematics, Operating System, Object-Oriented Programming (JAVA), Database Management, Computer Networking, Hardware Introduction, etc.

Auckland University of Technology (AUT)

Jul 2016 - Jul 2018

Bachelor/ Bachelor of computer and information sciences/ School of Computer Science

New Zealand-Auckland

- Major Course:
Application Communication, Computer Network Principles, Data and Process Modeling, Advanced Network Technology, Natural Inspiration Computing (Genetic Algorithms), Artificial Intelligence, IT Service Management, etc.

PROFESSIONAL EXPERIENCE

Qianfeng Co., Ltd.

Dec 2018 - Feb 2019

Python Internship

China-Beijing

Work Description:

- Website backend development project by Python (main work);
- Data analysis and management.

ALPHA TECH Media Co., Ltd.

Mar 2018 - Jul 2018

Web Development/Internship , IT Department

New Zealand-Auckland

Work Description:

- Web development projects, web design (main work), etc.;
- Database Management and Optimization

PROJECT EXPERIENCE

Data Analysis

Feb 2019 - Dec 2019

Research student

Australia-Sydney

Project details:

- Google crawler crawls medical data and the use of IP proxy pool
- NLP Q&A semantic recognition
- Machine learning feature selection model establishment and training
- Optimization of PageRank algorithm
- Medical data visualization analysis

SKILLS, CERTIFICATIONS & OTHERS

- **Skills:** Python data analysis [Hadoop (Spark, Mapreduce, etc.), data preprocessing (PCA/SVD dimension reduction, normalization, etc.), data mining classifier (KNN, LR, SVM) , CNN, etc.], Python website backend, PHP website backend, SQL, Linux, JS (jQuery), CSS, GitHub, Java, etc.
- **Certifications:** New Zealand NZCEL English Certificate , University of Sydney Excellent Course Certificate, Shanxi Provincial Outstanding Students

SUMMARY

- As a graduate student whom major is computer and software, I have a great understanding and mastery of relevant IT knowledge in undergraduate and postgraduate studies, and have used the winter and summer vacations and spare time to be consolidated and practiced. I studied as an exchange student in Auckland University of Technology(one of the top eight universities in New Zealand). In the process of studying abroad, the professional knowledge and foreign language ability not only were improved, but also practice skill was improved.

刘盛宇

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澳大利亚·悉尼 | 生日: 1997/12/27

2019 应届生 | 求职意向: 数据管理和分析

教育经历

悉尼大学 (USYD)

2018年7月 - 2019年12月

Master of IT/ 数据管理和分析专业 硕士 计算机科学学院

澳大利亚·悉尼

- 主修课程: 系统分析和处理, 数据库系统管理, 机器学习和数据挖掘 (数据预处理和各种分类器), 云计算(Hadoop), 视觉分析, IT创新分析等相关专业课程和学术型课题研究 (关于医学领域数据分析的项目)
- 平均成绩: 75分(Distinction)
- 荣誉: 研究型研究生(成绩和经历达到要求后申请)

山西农业大学 (SXAU)

2015年9月 - 2019年6月

软件工程 本科 软件学院

山西·晋中

- GPA: 3.63 / 4.0
- 主修课程: 计算机科学, 概率论和统计学, 离散数学, 操作系统学, 面向对象编程设计(JAVA), 数据库管理, 计算机网络学, 硬件概论等相关专业课程

奥克兰理工大学 (AUT)

2016年7月 - 2018年7月

Bachelor of computer and information sciences 本科 计算机科学

新西兰·奥克兰

- 主修课程: 应用沟通, 计算机网络原则, 数据和流程建模, 高级网络技术, 自然灵感计算 (遗传算法), 人工智能, IT服务管理等相关专业课程

实习经历

千峰有限公司

2018年12月 - 2019年2月

Python实习

中国·北京

工作描述:

- 网站Python后端开发项目(主要工作);
- 数据分析和处理。

ALPHA TECH传媒有限公司

2018年3月 - 2018年7月

网站开发/实习 IT部

新西兰·奥克兰

工作描述:

- 网站前后端开发项目, 网页设计(主要工作)等;
- 数据库管理和优化

项目经历

数据分析 (Research)

2019年2月 - 2019年12月

学生

澳大利亚·悉尼

- 项目成果和内容:
 - Google爬虫爬取医疗数据及IP代理池的使用
 - NLP Q&A语义识别
 - 机器学习特征选择模型建立和训练
 - PageRank算法的优化
 - 医疗数据可视化分析

技能/证书及其他

- 技能: Python数据分析[Hadoop(Spark, Mapreduce等), 数据预处理(PCA/SVD等方法降维, 归一化等), 数据挖掘分类器(KNN, LR, SVM, CNN等)], Python网站后端, PHP网站后端, Python爬虫, SQL, Linux, JS(JQuery), CSS, GitHub, Java等
- 证书/执照: 新西兰NZCEL英语证书, 悉尼大学优秀课程证书, 山西省省级三好学生

个人总结

- 作为计算机软件专业的应届毕业生, 我在本科和研究生的学习中对相关IT知识有了很大程度的理解和掌握, 并利用寒暑假和课余时间得到巩固和实践, 具有一定的实际操作能力和良好的团队合作精神。曾与大二作为交换生到新西兰八大之一的奥克兰理工大学学习, 并与暑假和空闲时间实习和工作。在国外求学的过程中, 不仅学习提高了专业知识和外语能力, 并且提高了自己为人处事和克服困难的能力。