

# 何雨璇

数据挖掘工程师/产品经理/运营实习

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## 教育经历

2018 - 2019 ● 研究生

University of Pennsylvania  
数据科学专业

2013 - 2017 ● 本科

University of Richmond  
计算机与数学双专业

2016 - 2017 ● 交换经历

斯坦福大学 (2017), 爱丁堡大学 (2016)

## 项目经验

2016.6 - 2016.9

团队项目

### LinkedIn (领英) — 广告数据可视化系统

Java Couchbase Elasticsearch Spring

- ✓ 在领英广告组负责管理广告数据库并支持公司内部和第三方对广告的使用
- ✓ 使用Couchbase, Elasticsearch, Restli filters, Kibana等多项技术建立可视化日志文件, 支持跨数据中心的加密存储、搜索、可视化和分析, 帮助提升组内员工的效率
- ✓ 获得领英举行的湾区实习生hackathon的十强

2015.1 - 2016.5

独立开发

### University of Richmond — 图像识别科研项目

Python Matlab Latex

- ✓ 分别用Matlab和python两种语言实现基于SVM和CNN两种数据挖掘技术的鸟类图片分类, 识别准确率达到70%以上
- ✓ 用Java实现导师要求的爬虫软件抓取所需信息

2014.8 - 2017.5

团队项目

### Technology Learning Center — 咨询顾问

Photoshop Illustrator Dreamweaver iMovie

- ✓ 为在校学生、教授和教职员工提供学习工作相关的软件与硬件的使用辅导(包括图像视频编辑、3d绘图打印、网页制作、多媒体展示等)
- ✓ 为学校制作和打印海报
- ✓ 制作软件教学视频和网页介绍
- ✓ 为学校学生、教授和教职员工提供3D打印服务

## 技能

### 计算机编程相关

- ✓ 熟练使用Java / C++ / Python / Javascript / Scala / R / Matlab 等语言
- ✓ 熟练使用Python / R / Hadoop 进行数据处理
- ✓ 有使用 SQL Server / MongoDB / Oracle DB / Couchbase 等数据库的经验
- ✓ 使用过 HTML / CSS 进行页面的搭建和布局, 熟悉 HTML5 / CSS3 新特性
- ✓ 使用过 Node.js, 能够用其进行数据处理, 使用 Express 框架搭建后端程序并与数据库交互
- ✓ 使用过 Bootstrap / jQuery 等

### 其他技能

- ✓ 英语高分通过 GRE 和 TOEFL, 能够流畅阅读英文文献资料和用英文交流
- ✓ 擅长与人交流, 在校曾担任学生发展中心的指导老师四年提供计算机、数学、经济学等多门课的辅导老师
- ✓ 能够使用 Photoshop / Illustrator / iMovie 完成简单的图像处理, 平面设计和视频处理
- ✓ 擅长做 PPT 和做 Presentation, 曾获德勤个案分析赛美东赛区最终轮10强

## 获奖记录

- ✓ 2016 年 德勤个案分析赛美东赛区最终轮10强
- ✓ 2016 年湾区实习生编程马拉松10强
- ✓ 2015 - 2016 优秀学生奖学金 (Herman P. Thomas Scholarship)
- ✓ 2015 年暑期科研奖学金 (UR Summer Fellowship)
- ✓ 2014 年暑期科研奖学金 (Spider Research Fellowship)
- ✓ 2016 年学习优秀学生获得者 (Dean's List)

## 其他

- ✓ 成立并担任里士满大学中国学生学者联合会(UR-CSSA)的主席, 在职期间将社团发展为校内最大国际生社团组织, 每年举行多项校内/校际活动并与大使馆积极合作加强联系
- ✓ 在校内咨询社团Lakeside Consulting Group(咨询社团)中担任咨询顾问, 为非营利组织免费提供发展策略咨询, 成功使其年收益得到增长

## EDUCATION

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- **University of Pennsylvania** Philadelphia, PA  
*Incoming data science master student* Dec 2019
- **University of Richmond** Richmond, VA  
*Bachelor of Science in Computer Science and Mathematics; GPA: 3.54* Jan 2018  
Herman P. Thomas Scholarship, Deans list, Spider Research Fellowship, UR Summer Fellowship
- **University of Edinburgh** Edinburgh, UK  
*Visiting student in School of Informatics* Jan 2017

## EXPERIENCE

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- **Linkedin Corporation** Sunnyvale, CA  
*Software Engineer Intern* Jun 2016 - Sep 2016
  - Cooperated with multiple teams to design an internal logging system that supported securely logging, indexing, searching, storing, visualizing and analyzing of billions of confidential log records stored across multiple data centers
  - Implemented the private logging system using Couchbase, Elasticsearch and Restli filters technique and successfully reduced teams average time to detect error
  - Won Linkedin Intern Hackday Top Finalists with an online gift recommendation service that offer gift suggestions from Amazon based on people social media information
- **University of Richmond** Richmond, VA  
*Computer Science Researcher* Jan 2015 - May 2016
  - Introduced green-background subtraction approach to eliminate background noise for image recognition research project and significantly improved existing recognition program accuracy to 94%
  - Initiated the implementation of Convolutional Neural Network approach in Matlab and Python that has the potential to significantly improve recognition accuracy

*Lab Consultant and Teaching Assistant* Nov 2015 - May 2016

  - Assisted professor by guiding 2-hour-long computer lab session and lead review session every week
  - Assisted over 50 students one-on-one in gaining facts, concepts and skills in Math and Computer Science
- **Sino-Tek** Tianjin, China  
*Database Development Intern* Jul 2015 - Aug 2015
  - Constructed upload and download functions for Project of Tianjin City Governments management information system using Javascript, Java, HTML, myBatis and Spring framework

## PROJECTS

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- **Traffic Simulation:** A semester-long design-from-scratch java project of a city traffic flow simulation for engineers to gain intuition
- **Runtime Malware Detection Research:** A team research project in which I designed a URL data-harvesting web crawler to collect and process web content
- **Prediction of CT Slice Locations:** A machine learning project to guess the location of a slice of CT medical scan in the body from features of the scan
- **Hadoop MapReduce:** A project involving large size raw data processing and analysis
- **Walmart Trip Type Classification:** Kaggles Walmart Trip Type Classification project

## PROGRAMMING SKILLS

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- **Languages and Technologies:** Java, C++, Python, R, Scala, Javascript, SQL, hadoop, Latex, Matlab