Information of Personal History

（Please fill in the forms carefully in Chinese, and English where necessary. Your information will be for application uses only.）

（请详细填写以下信息，此信息仅用于您的留学规划参考资料、以及留学申请时英文简历、

个人陈述制作和网申，我们将严格保护您的信息安全。）

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Part 1. Personal Data 个人信息** | | | | | | | | | | | | | | | | | | | | |
| Name  姓名（与护照上提供的中英文一致） | | | | | | 赵文博 ZHAO WENBO | | Date of Birth  生日 | | | | | 1999.06.28 | | | | | | | |
| Used Name (if any)  曾用名 | | | | | | 无 | | Place of Birth  出生地 | | | | | 山东省德州市德城区 | | | | | | | |
| Gender  性别 | | | | | | 男 | | Marital Status  婚姻状况 | | | | | 未婚 | | | | | | | |
| Citizenship  国籍 | | | | | | 中国 | | Home Phone  家庭电话 | | | | | 无 | | | | | | | |
| Cell Phone  联系电话 | | | | | | 18742024350 | | Email  邮箱 | | | | | Vader.wenbo.zhao@gmail.com | | | | | | | |
| National ID No.  身份证号码 | | | | | | 37140219990628125X | | Passport No.  护照号码 | | | | | EJ1575202 | | | | | | | |
| Mailing Address & Zip Code  邮寄地址 和 邮编  （能确定接收国际邮件的地址） | | | | | | 辽宁省大连市金州区大连理工软件学院2舍116600 | | | | | | | | | | | | | | |
| Permanent Address & Zip Code  永久地址 和 邮编  （不要填宿舍地址，通常为家庭地址） | | | | | | 山东省德州市德城区大学西路绿景家园2号楼4单元253000 | | | | | | | | | | | | | | |
|  | | | | | | | | | | | | | | | | | | | | |
| **Part 2. Education Background教育背景— 请提供中英文成绩单、在读证明/毕业证学位证（原件及翻译件）的扫描件****（大学及以上教育经历，包括国际交流、暑期项目等，请同时提供相关成绩单文件及学位证书）** | | | | | | | | | | | | | | | | | | | | |
| **Institute 1**  **学校1**  （中英文对照的官方名称） | | | | | | 大连理工大学 Dalian University of Technology | | | | | | | | | | | | | | |
| Address & Zip Code  学校地址 和 邮编 | | | | | | 大连经济技术开发区图强街321号116600 | | | | | | | | | | | | | | |
| Period  在校日期  （与在读证明或毕业/学位证上一致） | | | | | | From 09/2017 To 06/2021  (MM/YYYY) (MM/YYYY) | | | | | | | | | | | | | | |
| Major  专业 | | | | | | 网络工程 | | | | | | | | | | | | | | |
| Degree　BS/BA/BM/BE  学位 （请务必核实学位名称） | | | | | | BE | | | | | | | | | | | | | | |
| Overall GPA  总平均分  （若成绩单直接体现则照此填写。如不显示，简单计算方法：(单科成绩×学分)/ 总学分数） | | | | | | /100, 3.78+ /4.0 (改进四分制) or \_\_\_\_\_/\_\_\_\_\_  **(有些科目还没出成绩, 而且返校之后才能打印成绩单, 9月能确定)** | | | | | | | | | | | | | | |
| Major　GPA  专业平均分 | | | | | | /100, /4.0 or \_\_\_\_\_/\_\_\_\_\_ | | | | | | | | | | | | | | |
| Senior　GPA  大三、大四 两年平均分 | | | | | | /100, /4.0 or \_\_\_\_\_/\_\_\_\_\_ | | | | | | | | | | | | | | |
| Ranking  排名 （班级/年级排名） | | | | | | 班级: 1 / 21 and/or 年级: 13 / 89 | | | | | | | | | | | | | | |
| Credits Expected & Earned  共修学分 和 已修学分 | | | | | | 共修: 175 已修: 148 | | | | | | | | | | | | | | |
| Second Degree or Minor  二学位或辅修 | | | | | | 无 | | | | | | | | | | | | | | |
| **Institute 2**  **学校2**  （中英文对照的官方名称） | | | | | |  | | | | | | | | | | | | | | |
| Address & Zip Code  学校地址 和 邮编 | | | | | |  | | | | | | | | | | | | | | |
| Period  在校日期  （与在读证明或毕业/学位证上一致） | | | | | | From To  (MM/YYYY) (MM/YYYY) | | | | | | | | | | | | | | |
| Major  专业 | | | | | |  | | | | | | | | | | | | | | |
| Degree　BS/BA/BM/BE  学位 （请务必核实学位名称） | | | | | |  | | | | | | | | | | | | | | |
| Overall GPA  总平均分 | | | | | | /100, /4.0 or \_\_\_\_\_/\_\_\_\_\_ | | | | | | | | | | | | | | |
| Major　GPA  专业平均分 | | | | | | /100, /4.0 or \_\_\_\_\_/\_\_\_\_\_ | | | | | | | | | | | | | | |
| Senior　GPA  大三、大四 两年平均分 | | | | | | /100, /4.0 or \_\_\_\_\_/\_\_\_\_\_ | | | | | | | | | | | | | | |
| Ranking  排名 （班级/年级排名） | | | | | | / and/or / | | | | | | | | | | | | | | |
| Credits Expected & Earned  共修学分 和 已修学分 | | | | | |  | | | | | | | | | | | | | | |
| Second Degree or Minor  二学位或辅修 | | | | | |  | | | | | | | | | | | | | | |
| If more than two schools, please add accordingly.  若多于两所学校，请自行添加 | | | | | | | | | | | | | | | | | | | | |
| **High School高中教育** | | | | | | | | | | | | | | | | | | | | |
| Name 高中校名  （尽量中英文对照） | | | | | | 山东省德州市第一中学 Dezhou No.1 Senior High Shandong | | | | | | | | | | | | | | |
| Period  在校日期 | | | | | | From 09/2014 To 06/2017  (MM/YYYY) (MM/YYYY) | | | | | | | | | | | | | | |
| City  所在城市 | | | | | | 山东省德州市 | | | | | | | | | | | | | | |
| Address  学校地址 | | | | | | 德城区三八中路1577号正北方向40米 | | | | | | | | | | | | | | |
|  | | | | | | | | | | | | | | | | | | | | |
| **Part 3. Standardized Tests 标准化考试 ——请提供成绩单扫描件或官网成绩截图** | | | | | | | | | | | | | | | | | | | | |
| 注：1. 如果考试类型不同，请标注。若未考试，则填写计划考试日期。  2. Login Detail用于后期老师帮助学生寄送考试送分。 | | | | | | | | | | | | | | | | | | | | |
| **TOEFL (iBT)**  **(请提供截屏)** | | | | | | **(TOEFL是家考版的, 没有neea账号)**  Registration Number: 3385109202315787  （注：start with 0000） | | | | | | | | | | Date | | | 05/28/2020 | |
| Scores | | | | | | Total Score: 100 R 29 /L 23 /S 21 /W 27 | | | | | | | | | | | | | | |
| Login Detail  (托福报名官网) | | | | | | ~~NEEA~~ ID: 23DHB19B  Password: | | | | | | | | | | | | | | |
| **GRE** | | | | | | Registration Number: | | | | | | | | | | Date | | | (MM/DD/YYYY) | |
| Scores | | | | | | Verbal: Percentile: / Quantitative: Percentile:  Analytical Writing : Percentile: | | | | | | | | | | | | | | |
| **GRE Subject** | | | | | | Subject: Score: | | | | | | | | Date | | | | (MM/DD/YYYY) | | |
| Login Detail  (My GRE Account) | | | | | | User Name:  Password: | | | | | | | | | | | | | | |
| **GMAT** | | | | | | Registration Number: | | | | | | | | | | Date | | | (MM/DD/YYYY) | |
| Scores | | | | | | Verbal: Percentile: / Quantitative: Percentile:  Analytical Writing : Percentile: Reasoning : Percentile: | | | | | | | | | | | | | | |
| Login Detail  (Official GMAT Website) | | | | | | Email Address:  Password: | | | | | | | | | | | | | | |
| **IELTS** | | | | | | Test Report Form Number: | | | | | | | | | | Date | | | (MM/DD/YYYY) | |
| Scores | | | | | | Total Score: L /R /W /S | | | | | | | | | | | | | | |
| Login Detail  (雅思考试官方网站) | | | | | | NEEA User ID:  Password: | | | | | | | | | | | | | | |
| **LSAT** | | | | | |  | | | | | | | | | | Date | | | (MM/DD/YYYY) | |
| Scores | | | | | | Reading Comprehension Logic Reasoning  Analytical　Reasoning | | | | | | | | | | | | | | |
| Login Detail  (www.lsat.org) | | | | | | User ID:  Password: | | | | | | | | | | | | | | |
| **Others** | | | | | |  | | | | | | | | | | Date | | | (MM/DD/YYYY) | |
| **Others** | | | | | |  | | | | | | | | | | Date | | | (MM/DD/YYYY) | |
|  | | | | | | | | | | | | | | | | | | | | |
| **Part 4. Teaching, Research & Professional Experiences 教学科研或工作经历** | | | | | | | | | | | | | | | | | | | | |
| 注：此处主要填写研究、助教、竞赛、社会实践以及实习的经历。已经工作的申请者，再加上全职的工作经历。研究和助教经历要写清楚起止时间、课程名称、老师姓名职称、自己负责何种工作以及成就。工作及实习经历要写清楚起止时间、自己负责何种工作和取得的成就。**(社会实践写在课外活动栏了)** | | | | | | | | | | | | | | | | | | | | |
| **Company/Institution 1**  **公司/研究单位 1** | | | | | | 大连理工大学 | | | | | | | | | | | | | | |
| Address 地址  Zip code邮编 | | | | | | 大连经济技术开发区图强街321号116600 | | | | | | | | | | | | | | |
| From mm/dd/yy to mm/dd/yy  起止时间 | | | | | | 09/01/2018 to 06/01/2019 老师: 王雷 教授 | | | | | | | | | | | | | | |
| Hours per week  每周工作时长 | | | | | | 2天 | | | | | | | | | | | | | | |
| Salary (per year/per month)  收入 | | | | | | 无 | | | | | | | | | | | | | | |
| **Position or Title 职位** | | | | | | **组员** | | | | | | | | | | | | | | |
| **Responsibilities 职责** | | | | | | **编程实现功能, 做实验, 收集数据, 撰写部分论文** | | | | | | | | | | | | | | |
| **Project 项目简介**  Situation 背景  Obstacle 困难  Activity 行动  Result 结果 | | | | | | **基于AOA的高鲁棒性室内定位系统**  作为一项重要的技术，室内定位将成为人们日常生活中不可缺少的一部分。但是现有的方案鲁棒性较差，不能很好地应用。本报告提出了一种具有高鲁棒性的新型室内定位系统ArSeRoL，该系统利用Wi-Fi信号，利用AoA(到达角)和RSS信息对空间进行二次划分和区域分割。较低的判断要求和额外的故障节点检测方案保证了该算法具有较高的鲁棒性。在仿真和实验评估中，ArSeRoL被证明是准确和高鲁棒的，这使得它在实际应用中具有实用性。此外，ArSeRoL系统的精度可达40cm。 | | | | | | | | | | | | | | |
| **Achievement 成就** | | | | | | 发INFOCOMM被拒 | | | | | | | | | | | | | | |
|  | | | | | | | | | | | | | | | | | | | | |
| **Company/Institution 2**  **公司/研究单位 2** | | | | | | 大连理工大学 | | | | | | | | | | | | | | |
| Address 地址  Zip code邮编 | | | | | | 大连经济技术开发区图强街321号116600 | | | | | | | | | | | | | | |
| From mm/dd/yy to mm/dd/yy  起止时间 | | | | | | 09/01/2019 to present老师: 王雷 教授 | | | | | | | | | | | | | | |
| Hours per week  每周工作时长 | | | | | | 2天 | | | | | | | | | | | | | | |
| Salary (per year/per month)  收入 | | | | | | 无 | | | | | | | | | | | | | | |
| **Position or Title 职位** | | | | | | **组员** | | | | | | | | | | | | | | |
| **Responsibilities 职责** | | | | | | **编程实现功能, 做实验, 收集数据, 撰写部分论文** | | | | | | | | | | | | | | |
| **Project 项目简介**  Situation 背景  Obstacle 困难  Activity 行动  Result 结果 | | | | | | **一种低功耗海洋传感数据回传方法(多跳LoRa网络)**  本发明提出一种基于LoRa的低功耗海洋数据回传方法，其特征在于，采用了结合了线性、树形和MESH结构的网络拓扑，可以极大扩展网络覆盖范围，提升数据接收率，且有效避免单点故障和冲突等问题。本发明借鉴线性网络和树形网络具有层级关系的特点，以及MESH网络具有稳定性强、可避免单点故障的特点，构建了一个有层级关系且具有方向性的LoRaWAN网状网络。 | | | | | | | | | | | | | | |
| **Achievement 成就** | | | | | | 将要投顶会论文 | | | | | | | | | | | | | | |
|  | | | | | | | | | | | | | | | | | | | | |
| **Company/Institution 3**  **公司/研究单位 3** | | | | | | 大连理工大学 | | | | | | | | | | | | | | |
| Address 地址  Zip code邮编 | | | | | | 大连经济技术开发区图强街321号116600 | | | | | | | | | | | | | | |
| From mm/dd/yy to mm/dd/yy  起止时间 | | | | | | 8月将要开始 老师: 王雷 教授 | | | | | | | | | | | | | | |
| Hours per week  每周工作时长 | | | | | |  | | | | | | | | | | | | | | |
| Salary (per year/per month)  收入 | | | | | |  | | | | | | | | | | | | | | |
| **Position or Title 职位** | | | | | | **组员** | | | | | | | | | | | | | | |
| **Responsibilities 职责** | | | | | | **编程实现功能, 做实验, 收集数据, 撰写部分论文** | | | | | | | | | | | | | | |
| **Project 项目简介**  Situation 背景  Obstacle 困难  Activity 行动  Result 结果 | | | | | | 区块链与LoRa的结合 | | | | | | | | | | | | | | |
| **Achievement 成就** | | | | | | 将要投顶会论文 | | | | | | | | | | | | | | |
|  | | | | | | | | | | | | | | | | | | | | |
| **Company/Institution 4**  **公司/研究单位 4** | | | | | | 大连理工大学 | | | | | | | | | | | | | | |
| Address 地址  Zip code邮编 | | | | | | 大连经济技术开发区图强街321号116600 | | | | | | | | | | | | | | |
| From mm/dd/yy to mm/dd/yy  起止时间 | | | | | | 06/28/2018 to 07/20/2018 课程: C/C++课程设计 (C/C++ Course Design) | | | | | | | | | | | | | | |
| Hours per week  每周工作时长 | | | | | | 5天 | | | | | | | | | | | | | | |
| Salary (per year/per month)  收入 | | | | | | 无 | | | | | | | | | | | | | | |
| **Position or Title 职位** | | | | | | 小组组长 | | | | | | | | | | | | | | |
| **Responsibilities 职责** | | | | | | 游戏元素：障碍物及其功能设计；游戏角色部分功能的设计；buff及其功能设计；计时功能设计；游戏图像素材设计；换帧设计。  游戏界面：开始界面、暂停界面、结束界面设计。  其他：撰写报告册。  组织各组员编写各个部分的程序和组织答辩 | | | | | | | | | | | | | | |
| **Project 项目简介**  Situation 背景  Obstacle 困难  Activity 行动  Result 结果 | | | | | | **基于Qt平台和C++语言环境的跑酷类游戏**  本项目是一款基于Qt用C++编写的跑酷冒险类休闲小游戏。游戏主角为一个小仙女，玩家开始游戏后，仙女会在一个固定的横坐标上移动，通过鼠标点击使仙女跳跃，躲过飞来的不同障碍物得到加分，并且可以去触碰buff果实得到不同的buff增益，当最终触碰障碍物导致游戏结束后，的分会计入排行榜。该游戏不仅做到了将跑酷类游戏与冒险类游戏充分结合，拥有许多精彩的拓展功能，设计新颖有创意，内容丰富并且随机多样，拓展空间大，操作感强，操作简单方便但充满挑战性，设计有西方魔幻色彩风格的界面和音效，画面优美，色彩感强烈，用户的游戏体验强；而且代码格式严谨，分类合理，类关系明确， 函数分类清晰，便于日后修改和拓展。  有游戏界面设计、碰撞检测、下落仿真、多帧动画设计、游戏随机性、操作简洁、游戏难度递增、游戏内buff设计、多样化设计、视觉画面、音效设计、记分设计、排行榜设计、暂停功能等功能设计。 | | | | | | | | | | | | | | |
| **Achievement 成就** | | | | | | 无 | | | | | | | | | | | | | | |
|  | | | | | | | | | | | | | | | | | | | | |
| **Company/Institution 5**  **公司/研究单位 5** | | | | | | 大连理工大学 | | | | | | | | | | | | | | |
| Address 地址  Zip code邮编 | | | | | | 大连经济技术开发区图强街321号116600 | | | | | | | | | | | | | | |
| From mm/dd/yy to mm/dd/yy  起止时间 | | | | | | 06/28/2019 to 07/20/2019 课程: Java高级编程与应用 (Java Advanced Programming and Application) | | | | | | | | | | | | | | |
| Hours per week  每周工作时长 | | | | | | 5天 | | | | | | | | | | | | | | |
| Salary (per year/per month)  收入 | | | | | | 无 | | | | | | | | | | | | | | |
| **Position or Title 职位** | | | | | | 小组组长 | | | | | | | | | | | | | | |
| **Responsibilities 职责** | | | | | | 编写数据库操作和服务器多线程程序部分, 和部分服务器-客户端通信协议  组织各组员编写各个部分的程序和组织答辩 | | | | | | | | | | | | | | |
| **Project 项目简介**  Situation 背景  Obstacle 困难  Activity 行动  Result 结果 | | | | | | **基于JAVA的多线程并发选课系统**  本项目是基于JAVA的多进程选课系统。总共有数据库、服务器、客户端三个进程, 服务器使用了JAVA多线程编程, 在选课系统后台通过多线程来实现多个学生同时选课, 并连接数据库实时修改数据库的课程信息。实现了通过字节流、通过索引来修改数据库文件, 使用了interface来连接后端和前端程序, 在前后端进程通信中实现了简单的、使用JSON的通信协议, 使用线程池和互斥锁功能实现了后端程序的多线程并发执行, 并且实现了模拟单人选课、管理员修改课程信息的输入检测和多个操作界面, 实现了模拟100人并发选课、退课。 | | | | | | | | | | | | | | |
| **Achievement 成就** | | | | | | 无 | | | | | | | | | | | | | | |
|  | | | | | | | | | | | | | | | | | | | | |
| **Company/Institution 6**  **公司/研究单位 6** | | | | | | 大连理工大学 | | | | | | | | | | | | | | |
| Address 地址  Zip code邮编 | | | | | | 大连经济技术开发区图强街321号116600 | | | | | | | | | | | | | | |
| From mm/dd/yy to mm/dd/yy  起止时间 | | | | | | 09/01/2019 to 10/31/2019 课程: 大数据导论 (Introduction to Large Data) | | | | | | | | | | | | | | |
| Hours per week  每周工作时长 | | | | | | 2天 | | | | | | | | | | | | | | |
| Salary (per year/per month)  收入 | | | | | | 无 | | | | | | | | | | | | | | |
| **Position or Title 职位** | | | | | | 小组组长 | | | | | | | | | | | | | | |
| **Responsibilities 职责** | | | | | | 编写数据预处理、数据清洗、部分可视化程序, 撰写部分报告, 制作答辩PPT, 答辩 | | | | | | | | | | | | | | |
| **Project 项目简介**  Situation 背景  Obstacle 困难  Activity 行动  Result 结果 | | | | | | **大连市二手房关注度和价格分析与预测**  随着社会经济的迅猛发展，房地产开发建设的速度越来越快，二手房市场迅猛发展，对二手房房产价格评估的需求也随之增大。因此，对二手房的关注度和价格分析与预测进行研究是有必要的。  本文以大连市二手房信息为分析目标，分析过程包含以下几个阶段。首先通过爬虫技术爬取贝壳网的二手房信息，包含房源价格，关注房源人数、平米数、地址、以及房源的相关配置等信息，并以csv格式文件储存。之后通过Python程序实现数据去重，拆分复合数据以及数据量化等操作，从而完成数据清洗和预处理。最后根据预处理结果，使用K-means聚类算法和朴素贝叶斯算法对数据进行分析与挖掘，分析二手房各类属性对房源关注人数的影响程度，并得到了一个二手房房源关注人数预测模型。以关注房源人数为指标，可实现对房源销量做一个定性预期。经验证，模型预测准确率可达79%。  此外，为了直观展现研究成果，本文利用Python工具和百度地图API对分析过程的各阶段结果进行了数据可视化分析。 | | | | | | | | | | | | | | |
| **Achievement 成就** | | | | | | 无 | | | | | | | | | | | | | | |
|  | | | | | | | | | | | | | | | | | | | | |
| **Company/Institution 7**  **公司/研究单位 7** | | | | | | 大连理工大学 | | | | | | | | | | | | | | |
| Address 地址  Zip code邮编 | | | | | | 大连经济技术开发区图强街321号116600 | | | | | | | | | | | | | | |
| From mm/dd/yy to mm/dd/yy  起止时间 | | | | | | 11/01/2019 to 12/31/2019 课程: 智能信息处理 (Intelligent Information Processing) | | | | | | | | | | | | | | |
| Hours per week  每周工作时长 | | | | | | 2天 | | | | | | | | | | | | | | |
| Salary (per year/per month)  收入 | | | | | | 无 | | | | | | | | | | | | | | |
| **Position or Title 职位** | | | | | | 个人 | | | | | | | | | | | | | | |
| **Responsibilities 职责** | | | | | | 编写所有程序、撰写所有报告、制作答辩PPT、答辩 | | | | | | | | | | | | | | |
| **Project 项目简介**  Situation 背景  Obstacle 困难  Activity 行动  Result 结果 | | | | | | **基于带权 K-means 算法的用户电影推荐 以及电影评分影响因素分析**  本项目以豆瓣电影网站为目标进行电影基本数据爬取，并采取了添加 header 和 cookie 来应对豆 瓣网站的反爬虫机制。通过分析豆瓣电影索引页的特征以及电影详情页的特征，爬取了电影的基本 信息，如:上映年份、导演、主演、电影类型、电影评分、电影时长、制片国家/地区、语言等，以 及使用了百度人脸识别 API 对各个电影的主演进行颜值评分。  之后，我对爬虫所爬到的数据进行了处理，对于不同的参数、不同的数据类型也进行了不同的 处理，为了使得分析结果更具有客观性、推荐结果更加准确，我使用了归一化处理等处理方法。对于不同的数据，也使用了不同的分析方法处理。  并且使用带权的 K-means 算法通过用户对不同的因素给予的权重将电影进行分类，通过这种方 法的分类不是固定的，因此灵活度比较高，对用户的定制化程度也比较高，得到的结果比较准确符 合用户输入的电影偏好。而且，为了找到合适的 K 值、提高结果准确度，我使用了手肘法来确定合 适的 K 值。最后产生的带权 K-means 算法综合了所有或部分属性，利用机器学习(神经网络或决策 树，无监督则用聚类)，通过改变特征的影响权重，对电影进行分类，给出一个最终的评分。比如: 一个用户更偏向于老电影、长电影、战争类型、不在乎导演是谁、演员是谁，则在权重里调整，给 上映时间、电影时长和类型以高权重，其他以低权重，从而更完美的给用户返回适合看的电影，而 不是单纯返回分数高的。  最后，我将部分分析结果可视化，得到了更为直观的极区图、折线图，使得各个因素之间的关 系一目了然。 | | | | | | | | | | | | | | |
| **Achievement 成就** | | | | | | 无 | | | | | | | | | | | | | | |
|  | | | | | | | | | | | | | | | | | | | | |
| **Company/Institution 8**  **公司/研究单位 8** | | | | | | 大连理工大学 | | | | | | | | | | | | | | |
| Address 地址  Zip code邮编 | | | | | | 大连经济技术开发区图强街321号116600 | | | | | | | | | | | | | | |
| From mm/dd/yy to mm/dd/yy  起止时间 | | | | | | 03/10/2020 to 04/26/2020 课程: Web高级程序设计 (Web Advanced Programming) | | | | | | | | | | | | | | |
| Hours per week  每周工作时长 | | | | | | 2天 | | | | | | | | | | | | | | |
| Salary (per year/per month)  收入 | | | | | | 无 | | | | | | | | | | | | | | |
| **Position or Title 职位** | | | | | | 个人 | | | | | | | | | | | | | | |
| **Responsibilities 职责** | | | | | | 编写所有程序、撰写所有报告 | | | | | | | | | | | | | | |
| **Project 项目简介**  Situation 背景  Obstacle 困难  Activity 行动  Result 结果 | | | | | | **Wenbo Movie–带有用户功能的影讯网站**  该项目是一个带有一系列用户功能的查看、搜索、收藏和评论电影及影人信息的 web 网站。该 web 网站以 Python、HTML 语言为主, 主要框架为 Django, 使用了 Django 自 带的用户功能, 并与自己创建的用户类 Myuser 结合, 实现了两种用户类同步的注册、登 陆、注销、收藏、评论功能。  该项目分为两个大的部分, 分别是 usersystem 和 wenbo\_movie, usersystem 用来处理 与用户相关的操作, wenbo\_movie 用来处理与电影、影人信息相关的操作, 两个部分之间 可以交互。  网站使用了 Django 自带的模型功能 (数据库) 实现了 ORM, 主要有四种模型: 自 创的用户类 Myuser、电影类 Movie、影人类 Worker、评论类 Review。这些数据之间通 过外键实现了多对一、多对多、一对一的关系, 使多种数据之间相互关联, 可以通过一 种数据访问另外多种数据, 比如: 可以通过用户类访问该用户收藏的电影信息, 并通过 电影信息访问电影的演员和导演信息, 或者通过搜索来获取信息。  网站还结合使用了 Django 内置的 Jinja2 模板引擎、JavaScript、CSS、Bootstrap 组 件, 使得界面较为美观、功能比较完善、逻辑严谨。比如, 使用 JavaScript 实现了弹窗功 能来保证把信息准确简洁地反馈给用户, 实现了输入检测功能来避免空的用户名或密码、 空的检索内容和空的评论。再比如, 使用 CSS 将网页中的不同区域元素进行位置排列、 风格变化等。 | | | | | | | | | | | | | | |
| **Achievement 成就** | | | | | | 无 | | | | | | | | | | | | | | |
|  | | | | | | | | | | | | | | | | | | | | |
| **Company/Institution 9**  **公司/研究单位 9** | | | | | | 大连理工大学 | | | | | | | | | | | | | | |
| Address 地址  Zip code邮编 | | | | | | 大连经济技术开发区图强街321号116600 | | | | | | | | | | | | | | |
| From mm/dd/yy to mm/dd/yy  起止时间 | | | | | | 05/01/2020 to 06/20/2020 课程: 物联网编程技术 | | | | | | | | | | | | | | |
| Hours per week  每周工作时长 | | | | | | 2天 | | | | | | | | | | | | | | |
| Salary (per year/per month)  收入 | | | | | | 无 | | | | | | | | | | | | | | |
| **Position or Title 职位** | | | | | | 个人 | | | | | | | | | | | | | | |
| **Responsibilities 职责** | | | | | | 编写所有程序、撰写所有报告 | | | | | | | | | | | | | | |
| **Project 项目简介**  Situation 背景  Obstacle 困难  Activity 行动  Result 结果 | | | | | | **基于 MicroPython 和多个使用 LoRa 的分布 Lopy4 设备上的比特币区块链系统模拟**  该项目使用 MicroPython 语言通过 Atom 编辑器的 Pymkr 插件在 Pycom 的 Lopy4 和 ExpansionBoard3.1 设备上进行编程, 实现了基本的区块链系统和比特币的基本功能。并 使用四组Lopy4和ExpansionBoard3.1设备通过LoRa进行广播发送数据进行交互, 模拟 了比特币转账记录、“挖矿”的过程, 该模拟得到了令人满意的结果。并且由于 LoRa 的 特点和局限性, 该项目在 LoRa 网络编程中使用到了多线程编程、分组传输等功能。  MicroPython 是 Python3 语言的精简高效实现, 包括 Python 标准库的一小部分，经 过优化可在微控制器和受限环境中运行。因为 MicroPython 的局限性, 在编程过程中无 法直接调用许多现成的第三方库, 于是我手动实现了许多较底层的代码, 包括非对称加 密的 RSA 算法数字签名和验证、模幂运算(Modular exponentiation)等。  Lopy4 和 ExpansionBoard3.1 是 Lopy 的网络硬件设备产品, 可以通过使用 MicroPython 对其编程实现许多通信功能, 如该项目中实现的基于 LoRa 的通信, 但是缺 点是算力较低, 不适合密集通信。  LoRa 是一种低功耗广域网技术, 是基于扩频调制技术派生的啁啾扩频技术。LoRa 具有通信距离长、功耗低、速率低的特点, 适合物联网设备之间的远距离低频通信。 | | | | | | | | | | | | | | |
| **Achievement 成就** | | | | | | 无 | | | | | | | | | | | | | | |
|  | | | | | | | | | | | | | | | | | | | | |
| **Company/Institution 10**  **公司/研究单位 10** | | | | | | COMAP | | | | | | | | | | | | | | |
| Address 地址  Zip code邮编 | | | | | | 不知道 | | | | | | | | | | | | | | |
| From mm/dd/yy to mm/dd/yy  起止时间 | | | | | | 01/25/2019 to 01/29/2019 | | | | | | | | | | | | | | |
| Hours per week  每周工作时长 | | | | | | 4天 | | | | | | | | | | | | | | |
| Salary (per year/per month)  收入 | | | | | | 无 | | | | | | | | | | | | | | |
| **Position or Title 职位** | | | | | | 队长 | | | | | | | | | | | | | | |
| **Responsibilities 职责** | | | | | | 设计解题思路, 实现各种离散数学算法, 撰写部分报告 | | | | | | | | | | | | | | |
| **Project 项目简介**  Situation 背景  Obstacle 困难  Activity 行动  Result 结果 | | | | | | **2019美国大学生数学建模竞赛B题**  Puerto Rico was hit by the worst hurricane on record in 2017. One NGO – HELP, Inc. is trying to design a mobile disaster response system called “DroneGo” that will use drones to deliver medical packages and reconnoitre road networks. Among them, the deployment of post-disaster relief materials, the composition of drone fleet, the drone loading scheme and the design of drone flight routes are all important for im- proving the rescue efficiency. In this paper, we have deeply analyzed the character- istics of existing resources and urban distribution, so that we can better solve these problems in combination with the actual situation.  Our solution has three main components. First, we proposed a model to deter- mine the best selection scheme of drone fleet. This model transforms a multi-criteria decision problem into many Single criteria decision problems, through three- dimensional knapsack loading problem(3D-KLP) algorithm, packing algorithm and AHP. It not only reduces the number of drones in drone fleet, but also increases the load and space utilization of drones. Compared with the traditional AHP algorithm, it can ensure the best strategy and keep the best decision scheme.  Secondly, for the location of standard ISO container, considering the two tasks of delivery of medical packages and video reconnaissance of road networks, we took the transportation hub and delivery location as the research object and finally deter- mined the optimal standard ISO container deployment location by the k-means algo- rithm and the exact gravity method.  Finally, we simplified the road network according to the relationship between road distribution and traffic hub distribution, and finally transformed the actual prob- lem into a graph theory problem. We take the delivery of medical packages and vid- eo reconnaissance of road networks into comprehensive consideration, using Fleury algorithm and China postman problem algorithm to get the best flight path for drones under different needs.  And we ended up with a whole set of mathematical models for how to respond effectively to disasters happened in Puerto Rico. | | | | | | | | | | | | | | |
| **Achievement 成就** | | | | | | Honorable Mentions(H奖) | | | | | | | | | | | | | | |
|  | | | | | | | | | | | | | | | | | | | | |
| **Company/Institution 11**  **公司/研究单位 11** | | | | | | 中国工业与应用数学学会 | | | | | | | | | | | | | | |
| Address 地址  Zip code邮编 | | | | | | 不知道 | | | | | | | | | | | | | | |
| From mm/dd/yy to mm/dd/yy  起止时间 | | | | | | 09/10/2019 to 09/13/2019 | | | | | | | | | | | | | | |
| Hours per week  每周工作时长 | | | | | | 3天 | | | | | | | | | | | | | | |
| Salary (per year/per month)  收入 | | | | | | 无 | | | | | | | | | | | | | | |
| **Position or Title 职位** | | | | | | 队长 | | | | | | | | | | | | | | |
| **Responsibilities 职责** | | | | | | 设计部分解题思路, 实现部分算法, 撰写部分报告 | | | | | | | | | | | | | | |
| **Project 项目简介**  Situation 背景  Obstacle 困难  Activity 行动  Result 结果 | | | | | | **2019高教社杯全国大学生数学建模大赛A题**  本文针对稳定高压油管内燃油压力的问题，对相关数据进行了分析，通过对高压油管工作过程进行时间上的微分，假设极短时间内压强p和密度ρ不变化，对每一小段时间内高压油管各个因素的变化进行详细分析，将长过程细分，解决了复杂的过程问题，并通过Python编程多次迭代运算求得所需结果。又通过使用微分思想、积分、理想气体状态方程、二分查找方法、MATLAB函数拟合等方法，分别求得了各个变量之间的函数关系、针阀升程的函数、凸轮运动的函数、针阀喷油嘴喷油速率的函数等，并且用Python语言和MATLAB编程进行了模拟和验证，求得了多组数据和变量的最佳值，建立了喷油嘴喷油模型、高压油泵工作模型、多种情况下燃油压强变化模型等，给出了复杂情况下稳定高压油管内燃油压力的解决方案。  针对问题一，我们主要解决为了维持稳定压强如何控制每次单向阀开启时间，同时需要考虑单向阀开启和方案，比如同时开启喷油嘴和单向阀，还是只开单向阀，第二个要解决的问题是考虑经过不同的调整时间，使压强逐步增加到150MPa，如何设计单向阀开启时间，考虑每100ms为一个周期使用多个周期逐渐使压强增加到150MPa，使用了微分，积分，多项式拟合，迭代，二分查找等方法，建立了基于微分迭代的高压油管仿真模型，以及基于二分查找的迭代寻找最优解的模型，使用MATLAB，Jupyter notebook等软件编程计算方法，得到关于维持100MPa，每次单向阀开启的持续时间，每次单向阀开启的时间点，针对2s，5s，10s的调整时间，每100ms单向阀开启时间，以及维持150MPa每次单向阀开启的持续时间和每次单向阀开启的时间节点的结果，并且利用答案反向推导，验证了结果的正确性。  针对问题二，我们通过附件中所给的离散的多个点数据计算求出了高压油泵内柱塞腔随时间变化的函数、喷油嘴喷油速率随时间变化的函数、燃油压强与密度的关系函数等，对整个过程进行时间的微分，划分成了许多连续的极小的时间单元Δt，认为Δt内p和ρ是不变化的，再以此进行计算，计算出新的p与ρ用于下一个Δt，迭代求解，分条件讨论，将困难问题简化成许多简单的小问题，用Python程序实现算法并模拟、计算、检验，保证了高压油管内压强稳定在100MPa，得出了令人满意的结果。  针对问题三，我们改进了问题二的模型，考虑了减压阀的工作规律，将减压阀的影响和高压油泵、喷油嘴以及他们的工作规律综合考虑，沿用了微分思想，简化了问题。并且通过Python程序进行模拟，根据一组不同的凸轮运动角速度ω求出了各自对应的减压阀开闭频率n，用MATLAB将这些点进行拟合，得到了n关于ω变化的函数，求出了n与ω的关系。 | | | | | | | | | | | | | | |
| **Achievement 成就** | | | | | | 省级三等奖 | | | | | | | | | | | | | | |
|  | | | | | | | | | | | | | | | | | | | | |
| **Company/Institution 12**  **公司/研究单位 12** | | | | | | 北京图象图形学学会、亚太地区大学生数学建模竞赛组委会 | | | | | | | | | | | | | | |
| Address 地址  Zip code邮编 | | | | | | 不知道 | | | | | | | | | | | | | | |
| From mm/dd/yy to mm/dd/yy  起止时间 | | | | | | 11/28/2019 to 12/02/2019 | | | | | | | | | | | | | | |
| Hours per week  每周工作时长 | | | | | | 3天 | | | | | | | | | | | | | | |
| Salary (per year/per month)  收入 | | | | | | 无 | | | | | | | | | | | | | | |
| **Position or Title 职位** | | | | | | 队长 | | | | | | | | | | | | | | |
| **Responsibilities 职责** | | | | | | 设计部分解题思路, 实现部分算法, 撰写部分报告 | | | | | | | | | | | | | | |
| **Project 项目简介**  Situation 背景  Obstacle 困难  Activity 行动  Result 结果 | | | | | | **2019年第九届APMCM亚太地区大学生数学建模竞赛B题**  For the first problem, we selected the natural population growth rate, disposable income per capita, e-commerce sales, technology market turnover and some other attributes to establish the multiple linear regression model. The model was optimized by AIC information criterion, and we selected the optimal combination of parameters to establish the multiple linear regression model, so that each parameter met the T-test, and obtained the final optimized multiple linear regression model.  For the second problem, we consulted many statistical yearbooks through the National Data Website and the websites of the statistical offices of various cities and obtained the data we needed to build the model. And we adjusted the data used to build the multiple linear regression model based on the economic transition policies of the specific regions obtained from the survey and online information parameters.  For the third problem, we chose to use factor analysis to extract common factors from variable groups. We can select some representative regional economic vitality of the indicators, and ensure that the indicators meet the factor analysis method and data of six assumptions. We use the factor analysis method to choose three public factors and then use their contribution rate to calculate the comprehensive score of various factors, finally rank these cities by their own scores.  Finally, for the fourth question, based on the conclusions of the first three questions and the current economic situation and government policies of zhejiang province, we analyzed the advantages and disadvantages of economic development in zhejiang province, and gave appropriate Suggestions. | | | | | | | | | | | | | | |
| **Achievement 成就** | | | | | | 三等奖 | | | | | | | | | | | | | | |
|  | | | | | | | | | | | | | | | | | | | | |
| **Company/Institution 13**  **公司/研究单位 13** | | | | | | COMAP | | | | | | | | | | | | | | |
| Address 地址  Zip code邮编 | | | | | | 不知道 | | | | | | | | | | | | | | |
| From mm/dd/yy to mm/dd/yy  起止时间 | | | | | | 03/05/2020 to 03/09/2020 | | | | | | | | | | | | | | |
| Hours per week  每周工作时长 | | | | | | 4天 | | | | | | | | | | | | | | |
| Salary (per year/per month)  收入 | | | | | | 无 | | | | | | | | | | | | | | |
| **Position or Title 职位** | | | | | | 队长 | | | | | | | | | | | | | | |
| **Responsibilities 职责** | | | | | | 设计部分解题思路, 实现部分算法, 撰写部分报告 | | | | | | | | | | | | | | |
| **Project 项目简介**  Situation 背景  Obstacle 困难  Activity 行动  Result 结果 | | | | | | **2020美国大学生数学建模竞赛C题**  In its created online marketplace, Amazon offers customers an opportunity to evaluate and review purchases. And the Sunshine Company plans to use some particular combination and type of data, especially its time-based patterns and the interacts among them, to launch and sell its three new products in the online marketplace: microwave ovens, pacifiers, and hairdryers.  First, we preprocessed the data: we first performed data cleaning; and we quantified some data, such as changing the time expression to a timestamp that counted in days starting from 2000; in addition, we used the TextBlob library for Natural Language Processing (NLP), and then we performed emotion analysis on the criticism of these reviews and got a quantitative score, called user satisfaction; finally we used these data to delete some abnormal reviews that do not match their own star rating.  Secondly, we designed a product scoring mechanism, and we found that the pacifier is most likely to succeed. Based on the star-rating-based and review-based data set, the logical relationship between these data, and the potential relationships found through calculation, we calculated the weight of each factor through the Entropy Weight Method and standardized them using the Z-score method. Then through a three-dimensional bar chart, we can see that the product rating data obtained from each review of the product conforms to a normal distribution, and some features can be found, which shows that our scoring mechanism is very accurate. Then, we calculated the mean value and standard deviation, made a boxplot, and found that the pacifier has the lowest variance and the highest average score, which is most likely to succeed.  … | | | | | | | | | | | | | | |
| **Achievement 成就** | | | | | | Successful Participants (S奖) | | | | | | | | | | | | | | |
|  | | | | | | | | | | | | | | | | | | | | |
| **Part 5. Publication/Research Report/ Thesis发表论文/研究报告/毕业论文** | | | | | | | | | | | | | | | | | | | | |
| 注：论文要写清楚作者、题目、所发表刊物或会议名称、页码、时间。例如：Study on the Risk of Oversea M&A under the Background of Financial Crisis- in the case of China. *Market Modernization* 11 2009.10 | | | | | | | | | | | | | | | | | | | | |
| *Publication发表文章* | | | | | | | | | | | | | | | | | | | | |
| **Title**  文章题目，刊物，时间及link等 | | | | | |  | | | | | | | | | | | | | | |
| **Authors** | | | | | |  | | | | | | | | | | | | | | |
| Abstract摘要或简单介绍 | | | | | |  | | | | | | | | | | | | | | |
| Level  级别及影响因子 | | | | | |  | | | | | | | | | | | | | | |
| *Research Report研究报告或课堂论文* | | | | | | | | | | | | | | | | | | | | |
| Title题目 | | | | | |  | | | | Date日期 | | | | | | |  | | | |
| Form形式 | | | | | | 小组论文/课堂展示/社会调查/竞赛论文 | | | | | | | | | | | | | | |
| Abstract摘要 | | | | | |  | | | | | | | | | | | | | | |
| Professional Knowledge and Skills  涉及的专业知识 | | | | | | 1.运用了什么方面的知识,是否申请的专业相关？  2.运用了什么软件，什么技能？  3.是否对研究生的学习有促进作用？ | | | | | | | | | | | | | | |
| *本科毕业设计 (Your graduation design during undergraduate period.)* | | | | | | | | | | | | | | | | | | | |
| Duration  起止时间 |  | | | | | | | | | | | | | Instructor导师 | | | | |  |
| Title题目 |  | | | | | | | | | | | | | | | | | | |
| Abstract摘要 |  | | | | | | | | | | | | | | | | | | |
| Innovation  创新点 |  | | | | | | | | | | | | | | | | | | |
|  | | | | | | | | | | | | | | | | | | | |
| **Part 6. Honors奖励 & 荣誉** | | | | | | | | | | | | | | | | | | | | |
| 注：奖励和荣誉包括各种竞赛得奖、奖学金、以及突出成绩业绩。竞赛获奖可包括中学的有份量奖项。 | | | | | | | | | | | | | | | | | | | | |
| 1. Contest/Competition竞赛型 团队, 国际级   注：标明校级，区级，市级，国家级，国际级 | | | | | | | | | | | | | | | | | | | | |
| Project 参赛项目 2019美国大学生数学建模竞赛MCM/ICM | | | | | | | | | | | | | | | | | | | | |
| Prize所获奖项 Honorable Mentions (H奖) | | | | | | | | | | | | | | | | | | | | |
| Date日期 2019.01.25-2019.1.29 | | | | | | | | | Grantor授奖单位COMAP | | | | | | | | | | | |
| Number of Participants参赛人数  20000多支队伍参赛 每支队伍1-3人  H奖比例约25%, 约top30%  非常重要：请提供TOP百分之多少的参赛者才能得到这个奖项，可以这样计算，得奖人数/参赛人数，如一等奖1人，二等奖2个人，参赛100个人就是top 2% | | | | | | | | | | | | | | | | | | | | |
| 1. Contest/Competition竞赛型 团队, 国家级   注：标明校级，区级，市级，国家级，国际级 | | | | | | | | | | | | | | | | | | | | |
| Project 参赛项目 2019高教社杯全国大学生数学建模大赛CUMCM | | | | | | | | | | | | | | | | | | | | |
| Prize所获奖项 省级三等奖 | | | | | | | | | | | | | | | | | | | | |
| Date日期 2019.09.10-2019.9.13 | | | | | | | Grantor授奖单位 中国工业与应用数学学会 | | | | | | | | | | | | | |
| Number of Participants参赛人数  42992支队伍参赛 每支队伍1-3人  省级三等奖 全省约TOP60%, 辽宁省好大学太多, 不容易获奖进入国家级奖项评选  非常重要：请提供TOP百分之多少的参赛者才能得到这个奖项，可以这样计算，得奖人数/参赛人数，如一等奖1人，二等奖2个人，参赛100个人就是top 2% | | | | | | | | | | | | | | | | | | | | |
| 1. Contest/Competition竞赛型 团队, 国际级   注：标明校级，区级，市级，国家级，国际级 | | | | | | | | | | | | | | | | | | | | |
| Project 参赛项目2019年第九届APMCM亚太地区大学生数学建模竞赛 | | | | | | | | | | | | | | | | | | | | |
| Prize所获奖项 三等奖 | | | | | | | | | | | | | | | | | | | | |
| Date日期 2019.11 | | | | | | | Grantor授奖单位 北京图象图形学学会、亚太地区大学生数学建模竞赛组委会 | | | | | | | | | | | | | |
| Number of Participants参赛人数  (不知道)支队伍参赛 每支队伍1-3人  三等奖 25%, TOP45%  非常重要：请提供TOP百分之多少的参赛者才能得到这个奖项，可以这样计算，得奖人数/参赛人数，如一等奖1人，二等奖2个人，参赛100个人就是top 2% | | | | | | | | | | | | | | | | | | | | |
| 1. Contest/Competition竞赛型 团队, 国际级   注：标明校级，区级，市级，国家级，国际级 | | | | | | | | | | | | | | | | | | | | |
| Project 参赛项目 2020美国大学生数学建模竞赛MCM/ICM | | | | | | | | | | | | | | | | | | | | |
| Prize所获奖项 Successful Participants(S奖) | | | | | | | | | | | | | | | | | | | | |
| Date日期 2019.03 | | | | | | | Grantor授奖单位COMAP | | | | | | | | | | | | | |
| Number of Participants参赛人数  20000多支队伍参赛 每支队伍1-3人  S奖比例约65%, 约top90%  非常重要：请提供TOP百分之多少的参赛者才能得到这个奖项，可以这样计算，得奖人数/参赛人数，如一等奖1人，二等奖2个人，参赛100个人就是top 2% | | | | | | | | | | | | | | | | | | | | |
| 2. Awards（所获奖励） | | | | | | | | | | | | | | | | | | | | |
| Date日期 | | | | | | Prize所获奖项 | | | | | Grantor授奖单位 | | | | | | | | | |
| 2018.09 | | | | | | 学习二等奖学金 | | | | | 大连理工大学 | | | | | | | | | |
| 2019.09 | | | | | | 学习二等奖学金 | | | | | 大连理工大学 | | | | | | | | | |
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| **Part 7. Extracurricular Activities 课外活动** | | | | | | | | | | | | | | | | | | | | |
| 注： 包括你参加过何种社团活动、何种专业组织、你担任的职务（如果有）、起止时间。 | | | | | | | | | | | | | | | | | | | | |
| **Organization 1**  **协会或组织 1** | | | | | | 学生会讲坛部 | | | | | | | | | | | | | | |
| From mm/dd/yyyy to mm/dd/yyyy  起止时间 | | | | | | 10/01/2017 to 09/30/2018 | | | | | | | | | | | | | | |
| Position Held 担任职务 | | | | | | 干事 | | | | | | | | | | | | | | |
| Description of Position & Activities  职位描述及相关活动介绍 | | | | | | 组织每周的升旗仪式  组织2017年的秋季运动会方阵训练  组织竹韵杯才艺比赛  设计宣传栏上电影读书分享部分的海报排版和内容  设计宣传栏上报刊栏的排版和内容  每周收取指定四个班的学习活动报告  组织学生标兵宣讲活动  组织安排读书活动、学习习近平讲话活动 | | | | | | | | | | | | | | |
| Achievement成就 | | | | | | 无 | | | | | | | | | | | | | | |
| **Organization 2**  **协会或组织2** | | | | | | 大连理工大学2017秋季运动会方阵 | | | | | | | | | | | | | | |
| From mm/dd/yyyy to mm/dd/yyyy  起止时间 | | | | | | 10/10/2017 to 10/25/2017 | | | | | | | | | | | | | | |
| Position Held 担任职务 | | | | | | 方阵队员 | | | | | | | | | | | | | | |
| Description of Position & Activities  职位描述及相关活动介绍 | | | | | | 走方阵 | | | | | | | | | | | | | | |
| Achievement成就 | | | | | | 无 | | | | | | | | | | | | | | |
| **Organization 3**  **协会或组织3** | | | | | | 大连理工大学软件工程172级队2018年元旦演唱会 | | | | | | | | | | | | | | |
| From mm/dd/yyyy to mm/dd/yyyy  起止时间 | | | | | | 12/01/2017 to 12/31/2017 | | | | | | | | | | | | | | |
| Position Held 担任职务 | | | | | | 节目表演 | | | | | | | | | | | | | | |
| Description of Position & Activities  职位描述及相关活动介绍 | | | | | | 唱歌 | | | | | | | | | | | | | | |
| Achievement成就 | | | | | | 无 | | | | | | | | | | | | | | |
| **Organization 4**  **协会或组织4** | | | | | | 大连理工大学软件工程2018年竹韵杯比赛172级队队伍 | | | | | | | | | | | | | | |
| From mm/dd/yyyy to mm/dd/yyyy  起止时间 | | | | | | 05/10/2018 to 06/10/2018 | | | | | | | | | | | | | | |
| Position Held 担任职务 | | | | | | 合唱队队员 | | | | | | | | | | | | | | |
| Description of Position & Activities  职位描述及相关活动介绍 | | | | | | 表演节目 | | | | | | | | | | | | | | |
| Achievement成就 | | | | | | 无 | | | | | | | | | | | | | | |
| **Organization 5**  **协会或组织5** | | | | | | 大连理工大学软件学院赴辽宁省大连市湿地调研暑期社会实践团 | | | | | | | | | | | | | | |
| From mm/dd/yyyy to mm/dd/yyyy  起止时间 | | | | | | 07/10/2018 to 07/25/2018 | | | | | | | | | | | | | | |
| Position Held 担任职务 | | | | | | 队员 | | | | | | | | | | | | | | |
| Description of Position & Activities  职位描述及相关活动介绍 | | | | | | 采访路人, 整理采访资料, 录制采访视频 | | | | | | | | | | | | | | |
| Achievement成就 | | | | | | 无 | | | | | | | | | | | | | | |
| **Organization 6**  **协会或组织6** | | | | | | 大连理工大学软件学院赴辽宁省大连市禁毒防艾宣传社会实践团 | | | | | | | | | | | | | | |
| From mm/dd/yyyy to mm/dd/yyyy  起止时间 | | | | | | 07/10/2019 to 07/025/2019 | | | | | | | | | | | | | | |
| Position Held 担任职务 | | | | | | 队员 | | | | | | | | | | | | | | |
| Description of Position & Activities  职位描述及相关活动介绍 | | | | | | 采访路人, 整理采访资料, 录制采访视频 | | | | | | | | | | | | | | |
| Achievement成就 | | | | | | 无 | | | | | | | | | | | | | | |
| **Organization 7**  **协会或组织7** | | | | | | “旗帜在线”软1709班社会实践团 | | | | | | | | | | | | | | |
| From mm/dd/yyyy to mm/dd/yyyy  起止时间 | | | | | | 04/01/2018 to 04/09/2018 | | | | | | | | | | | | | | |
| Position Held 担任职务 | | | | | | 队员 | | | | | | | | | | | | | | |
| Description of Position & Activities  职位描述及相关活动介绍 | | | | | | 录制视频旁白, 采访食堂厨师, 制作PPT | | | | | | | | | | | | | | |
| Achievement成就 | | | | | | **大连理工大学社会实践校级一等奖** | | | | | | | | | | | | | | |
| **Organization 8**  **协会或组织8** | | | | | | 大连理工大学软件学院赴辽宁省大连市甘井子区岔鞍村、金州区后石村社会实践团 | | | | | | | | | | | | | | |
| From mm/dd/yyyy to mm/dd/yyyy  起止时间 | | | | | | 03/09/2019 to 04/06/2019 | | | | | | | | | | | | | | |
| Position Held 担任职务 | | | | | | 队员 | | | | | | | | | | | | | | |
| Description of Position & Activities  职位描述及相关活动介绍 | | | | | | 采访路人, 录制视频, 参与撰写报告 | | | | | | | | | | | | | | |
| Achievement成就 | | | | | | 无 | | | | | | | | | | | | | | |
| **Organization 9**  **协会或组织9** | | | | | | 大连理工大学软件学院172级队软1709团支部赴辽宁省大连市环境卫生调研实践团 | | | | | | | | | | | | | | |
| From mm/dd/yyyy to mm/dd/yyyy  起止时间 | | | | | | 11/20/2017 to 11/26/2017 | | | | | | | | | | | | | | |
| Position Held 担任职务 | | | | | | 队员 | | | | | | | | | | | | | | |
| Description of Position & Activities  职位描述及相关活动介绍 | | | | | | 采访路人, 录制视频, 参与撰写报告 | | | | | | | | | | | | | | |
| Achievement成就 | | | | | | 无 | | | | | | | | | | | | | | |
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| **Part 8 Skills & Hobbies 技能和爱好** | | | | | | | | | | | | | | | | | | | | |
| 比如：计算机语言: C (2 yrs ) C++ JAVA (5 yrs )Python; 统计软件SPSS, SAS, Stata; 经济学软件Eviews; 会计软件UFIDA, ERP; 金融终端 Bloomberg Reuters (写明使用的时间长短，是否精通); 证书: CFA CPA 证券资格证等 | | | | | | | | | | | | | | | | | | | | |
| Language Ability  语言能力 | | | | 英语 & 汉语 | | | | | | | | | | | | | | | | |
| Computer Skills  计算机技能 | | | | 编程语言: Python, MicroPython, JAVA, 标准SQL语句, C, C++, HTML  软件: Atom, XCode, MySQL, 略懂Emacs、MATLAB  操作系统: MacOS  硬件: Lopy4 | | | | | | | | | | | | | | | | |
| Other Skills & Certificates  其他技能和证书 | | | | 无 | | | | | | | | | | | | | | | | |
| Hobbies 爱好： （最好是特别的，容易记住的，如： 10年的钢琴舞台演出经历， 6年书法训练获全国级奖项10次）  萨克斯2年演出经历  绘画: 4年素描、2年速写、2年水彩, 多次市级、省级、国家级奖项  远程骑行, 穷游, 看电影, 羽毛球, 跑步 | | | | | | | | | | | | | | | | | | | | |
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| **Part 9. Professional Interest专业兴趣** | | | | | | | | | | | | | | | | | | | | |
| 1. **Why do you choose the major you are applying for? What specific branch or concentration are you most interested in?**   **申请专业目标，感兴趣的方向/分支** (专业术语请尽量用英文全称表示，不要用缩略语。字数 ≥ 300字) | | | | | | | | | | | | | | | | | | | | |
| Artificial Intelligence, Internet of Things | | | | | | | | | | | | | | | | | | | | |
| 1. **What is your initial understanding of the major and how is it changing through your study and practice?**   **你对本专业最初的理解是如何的，通过学习和实践，你的理解又发生了什么转变？可举例说明。**(字数 ≥ 300字) | | | | | | | | | | | | | | | | | | | | |
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| 1. **What is the biggest advantage and disadvantage for you to apply for this major?**   **你认为你申请本专业的最大优势和弱势是什么？弱势方面你是如何改进的？** | | | | | | | | | | | | | | | | | | | | |
|  | | | | | | | | | | | | | | | | | | | | |
| 1. **If you intend to change your major, please give your reasons in details.**   **如果你是转专业申请，阐述转专业的理由，以及你为转专业做了哪些准备。** | | | | | | | | | | | | | | | | | | | | |
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| 1. **Do you think your academic (standardized test) results are a true reflection of your abilities?**   **你是否认为你的考试成绩（GPA或语言成绩）如实反映了你的能力？若没有，请详细解释原因。** | | | | | | | | | | | | | | | | | | | | |
|  | | | | | | | | | | | | | | | | | | | | |
| 1. **Are there any gaps between your academic study and full-time employment?**   **如果你的学术或职业经历中有断层（即Educational gap/employment gap）,请阐述这段时间内所做的事情。** | | | | | | | | | | | | | | | | | | | | |
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| 1. **Are you interested in any specific schools and professors?**   **是否有感兴趣的学校和教授？** | | | | | | | | | | | | | | | | | | | | |
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| **Part 10. Career Plan职业规划** | | | | | | | | | | | | | | | | | | | | |
| 1. **At this point of your life, why do you decide to further your study abroad?**   **Why do you choose to pursue your degree in the US? Any study plans?**  **为何此时决定出国深造？为何选择去美国攻读硕士/博士学位？你的学习计划，目标等？**字数 ≥ 200字 | | | | | | | | | | | | | | | | | | | | |
|  | | | | | | | | | | | | | | | | | | | | |
| 1. **What are your specific short-term and long-term goals? How will your graduate degree help you achieve your goals?**   **为什么现在就读这个学校能够帮助你达到你的短期和长期职业目标？**字数 ≥ 200字  你未来的规划非常重要，将来成为什么样的人，做出什么成就，和你为什么申请美国的学校是息息相关的。  请分成几步阐述你如何达到最终目标  毕业后：进入xxx行业 担任什么职位  3-5年 掌握xx技能，从事什么方面工作，或者升职  5-10年 是否成为某一行业高管或者其他高级职位？ | | | | | | | | | | | | | | | | | | | | |
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| **Part 11. Personal Strengths个人优势（请举例说明）** | | | | | | | | | | | | | | | | | | | | |
| **领导力 leadership**  **即你在工作和活动中是怎样影响一个人，小组或者组织机构的。这件事对你或者其他人有什么价值?**  举例：是否在团队主要领导不在的时候，群龙无首，你主动站出来，为大家指明下一步的方向，做出决断？  是否能够带领团队有效率的完成一件事情？  是否在别人不同意你的情况下，你说服了他人同意你的意见，或者让对方妥协？  在大家灰心丧气的时候，你是不是鼓励大家，能否创新性的解决问题? | | | | | | | | | | | | | | | | | | | | |
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| **贡献和多样性**  **Contribution and Diversity**  **首先确定自己最鲜明的特质：（背景 经历 价值观）**  冒险者、学者、具有领袖气质、脚踏实地的实干家、具有奉献精神的社区服务者、善于合作的团队成员、忠诚而有责任感  **举例证明你的特质与众不同，能够给学校做出特别的贡献。**  冒险者-带来创新精神 学者-促进学习的氛围 领袖—建立新的社团，提高学生的校园体验 | | | | | | | | | | | | | | | | | | | | |
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| **个人成就**  **Most Significant Accomplishment**  **最自豪的事是什么？克服过怎样的困难？是如何克服的？（专业学习上或生活中）**  What’s the proudest thing you did? What difficulties have you overcome? And how did you overcome it? | | | | | | | | | | | | | | | | | | | | |
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| **公益活动**  **Volunteer Experience**  **你是否参加过社会公益活动，培养了高度的社会责任感或提升了其他方面的品质。如果有，请举例说明。** | | | | | | | | | | | | | | | | | | | | |
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| **其他经历或信息**  **Is there any other relative experience or information helpful for your application?**  **其它任何对申请有用的相关经历和信息？**  注：例如本科期间值得提及的对申请有利的其它经历，或你的性格特征，特长（音乐、体育方面），兴趣爱好对于学习或职业规划的促进作用等。 | | | | | | | | | | | | | | | | | | | | |
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| **Part 12. Family Information 家庭信息（用于网申中紧急联系人资料）** | | | | | | | | | | | | | | | | | | | | |
|  | | | | | **Father 父亲** | | | | | | | **Mother母亲** | | | | | | | | |
| Name 姓名 | | | | | 赵志军 | | | | | | | 于蕾 | | | | | | | | |
| Address 家庭住址 | | | | | **山东省德州市德城区大学西路绿景家园2号楼** | | | | | | | | | | | | | | | |
| Postal Code 邮编 | | | | | **253000** | | | | | | | | | | | | | | | |
| Organization Name & Address  所在公司名称与地址 | | | | | s | | | | | | | 德州市第十中学 | | | | | | | | |
| Position 职务 | | | | |  | | | | | | | 教师 | | | | | | | | |
| Level of Education & School Name  最高学历及毕业学校 | | | | | 山东理工大学 | | | | | | | 德州学院 | | | | | | | | |
| Year of Graduation 毕业时间 | | | | |  | | | | | | |  | | | | | | | | |
| Phone 电话 | | | | | 13053499018 | | | | | | | 15965976799 | | | | | | | | |
| Email 邮箱 | | | | | ylyl2305@163.com | | | | | | | ylyl2305@163.com | | | | | | | | |
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| **Part 13. Available Social Resources可利用资源（建议与父母讨论后填写）** | | | | | | | | | | | | | | | | | | | | |
| **（如果你的父母或其亲朋好友有涉及到以下行业，请全面且详细地介绍一下，例如“中国慈善总会，会长”，这些资源极有可能会在提升你的专业背景（或综合背景）上起到至关重要且独一无二的作用。针对所涉及到的相关隐私信息，前途出国会做好保密工作）** | | | | | | | | | | | | | | | | | | | | |
| **政府部门** | | |  | | | | | | | | | | | | | | | | | |
| **知名人士** | | |  | | | | | | | | | | | | | | | | | |
| **科研机构** | | |  | | | | | | | | | | | | | | | | | |
| **世界五百强** | | |  | | | | | | | | | | | | | | | | | |
| **高科技企业** | | |  | | | | | | | | | | | | | | | | | |
| **创业型公司** | | |  | | | | | | | | | | | | | | | | | |
| **慈善机构（如非营利性组织）** | | |  | | | | | | | | | | | | | | | | | |
| **其他可能与你的目标专业相关的企业、机构、人士** | | |  | | | | | | | | | | | | | | | | | |