林 芳 展

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教育背景

同济大学，信息管理与信息系统 **上海，中国 2018.09-2022.06**

- **平均分**: 4.76/5.00
- **成绩排名：** 2/43
- **所获荣誉：** 2018-2019 学年同济大学本科优秀学生奖学金一等奖，2019-2020 学年同济大学本科优秀学生奖学金三等奖
- **专业课程：** 高等数学，线性代数，概率论与数理统计，运筹学，计量经济学，应用统计学，管理学概论，项目管理，IT 项目管理，管理信息系统，商务智能等

项目经历

一、小组开发项目——Supply Chain and Product Diffusion 仿真建模&研究报告 **2020.05-2020.06**

- 完成汪云峰老师要求的 Supply Chain and Product Diffusion 仿真建模研究项目，基于 AnyLogic 进行开发，模拟了有多个供应商、生产商和消费者的供应链的变化，对其各方面变化的指标进行记录并分析。

二、基于 C++的算法设计期末项目——Multi-Label Shortest Path 算法 **2020.06-2021.07**

- 完成梁哲老师要求的多标签最短路径算法设计问题，该项目要求设计查找速度尽可能快的算法，基于 29800 个点的数据集进行基于两个标签的最短路径查找，取得多条帕累托最优的最短路径。

三、小组商务智能课程报告——基于脱敏数据集对航空服务旅客满意度进行相关预测分析 **2020.11-2020.12**

- 利用 Kaggle 上相关脱敏数据集对航空服务影响旅客满意度的可能因素及其影响程度进行数据分析，通过统计分析探究旅客年龄、舱位等级、在线订购便捷程度等 22 个相关因素对航空公司旅客满意度的影响，建立基于 CHAID 算法的决策树模型展示各个因素与旅客满意度之间的关联。结果表明，线上值机满意度、旅客类型等因素对旅客满意度有显著影响。

四、个人开发项目——基于 Java Swing 和 MySql 的本地学习平台的搭建 **2020.10-2021.01**

- 建立了辅助老师实现学生课下学习 Java 的成长型本地学习平台。学生端：学生登录后可以查看老师的知识点详解，可以做课程对应小测，查看自己的做题记录，查看错题对应知识点，而系统可根据做题情况为学生推荐相应课程；教师端：教师可以管理自己的班级，设置班级考试权限。

五、计量经济学小组课程论文

《新能源汽车政策对二手车价格的影响——基于上海市二手车交易平台的分析》 **2021.04-2021.05**

- 基于老师对计量经济学研究方法的要求，查找资料后进行分析，合作编写课程论文《新能源汽车政策对二手车价格的影响——基于上海市二手车交易平台的分析》，运用多元线性回归的方法对政策与二手车价格的联系进行了分析。

六、小组专业案例写作《A 公司智能制造产业升级：披荆斩棘，路在脚下》 **2021.07-2021.08**

- 基于老师提供的论文，结合专业课程知识点进行改编，创作用于信息系统分析与设计课程教学的专业案例。

七、小组网站开发项目——企业资源管理系统 Sales&Distribution 模块 **2021.07-2021.08**

- 在小学期通过小组合作开发企业资源管理系统（ERP）SD 模块项目，实现基于常见企业运行逻辑进行线上调度的 ERP 网站项目。

八、个人开发小游戏——FlappyAsoulBird **2021.08-2021.09**

- 开发基于 Unity 引擎的小游戏，基于 FlappyBird 的基本游戏玩法进行进一步的开发，希望提高游戏性。

实习经历

一、担任 2022 届信息管理与信息系统专业与物流管理专业的就业联络人 **2019.09-现在**

- 辅助学院传达就业信息，开展就业相关会议，解答同学们对就业相关事项的疑问（工作持续进行中，暂未发放工作证明）。

技能与特长

- **语言能力：** 六级（559）
- **计算机能力**：Java，C/C++, Python, SQL

Lin Fangzhan

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Educational Background

Tongji University, Information Management and Information Systems 2018.09-2022.06

- **Average GPA:** 4.76/5.00
- **GPA Ranking:** 2/43
- **Honors:**
  First Prize of Tongji University Undergraduate Outstanding Student Scholarship for the academic year 2018-2019
  Third Prize of Tongji University Undergraduate Outstanding Student Scholarship for the academic year 2019-2020
- **Professional Courses:** Advanced Mathematics, Linear Algebra, Probability and Mathematical Statistics, Operations Research, Econometrics, Applied Statistics, Introduction to Management, Project Management, IT Project Management, Management Information Systems, Business Intelligence, etc.

Project Experience

I. Group Development Project - Supply Chain and Product Diffusion Simulation Modeling & Research Report 2020.05-2020.06

- Completed the Supply Chain and Product Diffusion simulation modeling research project requested by Mr. Yunfeng Wang, developed based on AnyLogic, simulating the changes of a supply chain with multiple suppliers, manufacturers and consumers, recording and analyzing the indicators of their changes in various aspects.

II. Final Project on C++-based Algorithm Design - Multi-Label Shortest Path Algorithm 2020.06-2021.07

- Completed the multi-label shortest path algorithm design problem requested by Dr. Zhe Liang. The project required designing the algorithm that ran as fast as possible, performing shortest path finding based on two labels based on a data set of 29,800 points, and obtaining multiple Pareto optimal shortest paths.

III. Group Business Intelligence Course Report - Relevant Predictive Analysis of Airline Service Passenger Satisfaction Based on Desensitized Dataset 2020.11-2020.12

- Using the relevant desensitized dataset on Kaggle to analyze the possible factors affecting passenger satisfaction in airline service and their degree of influence, we explored the influence of 22 relevant factors on airline passenger satisfaction such as passenger age, class of cabin, and ease of online ordering through statistical analysis, and built a decision tree model based on CHAID algorithm to show the association between each factor.A decision tree model based on CHAID algorithm was established to show the association between each factor and passenger satisfaction. The results showed that factors such as online check-in satisfaction and passenger type had significant effects on passenger satisfaction.

IV. Personal Development Project - Building a Local Learning Platform Based on Java Swing and MySql 2020.10-2021.01

- Completed a growing local learning platform that assisted teachers to realize students' learning Java in class was established.
  Student side: students can view the teacher's knowledge point details after logging in, they can do the course corresponding quizzes, view their own question records, view the wrong questions corresponding to the knowledge points, while the system can recommend the corresponding courses for students according to the question doing situation.
  Teacher side: teachers can manage their own classes and set the class examination authority.

V. Econometrics group course papers

The Impact of New Energy Vehicle Policy on Used Car Prices - Analysis Based on Used Car Trading

Platform in Shanghai **2021.04-2021.05**

- Based on the teacher's requirement of econometric research methods, we found information and then analyzed it, and cooperated to write the course paper "The Impact of New Energy Vehicle Policy on Used Car Prices--Analysis Based on Used Car Trading Platform in Shanghai", using the multiple linear regression method to analyze the relationship between policy and used car prices. The linkage between policy and used car prices was analyzed.

VI. The group professional case writing "Company A Intelligent Manufacturing Industry Upgrade: Picking up the thorns, the road is under the feet" **2021.07-2021.08**

- Based on the thesis provided by the teacher, we adapted it with the knowledge points of the professional courses and created a professional case for the teaching of information system analysis and design course.

VII. Group Website Development Project - Enterprise Resource Management System Sales&Distribution Module **2021.07-2021.08**

- Developed the Enterprise Resource Management System (ERP) SD module project through group cooperation during the elementary school term to realize an ERP website project based on common enterprise operation logic for online scheduling.

VIII. Individual development of mini-games - FlappyAsoulBird **2021.08-2021.09**

- Developed a small game based on Unity engine,.it was further development based on the basic gameplay of FlappyBird, hoping to improve the gameplay.

Internship Experience

I. Act as the employment liaison for Information Management and Information Systems Major and Logistics Management Major for the class of 2022 **2019.09-Now**

- Assist colleges in communicating employment information, conducting employment-related meetings, and answering students' questions about employment-related matters (the work is ongoing,therefore,no job certificate has been issued yet).

Skills and Specialties

- **Language Skills**：cet-6（559）
- **Computer Skills**：Java，C/C++, Python, SQL