袁方旭

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教育经历

厦门大学 信息学院工学学士   2017 年 9 月--2021 年 6 月

- 专业: 计算机科学与技术   GPA(3.24/4)
- 主要课程: 算法设计与分析(A)，操作系统(A)，数字图像处理(A+)，C 语言程序设计实践(A+)，软件工程(A)，编译原理(A)

香港科技大学 工学院 硕士   2021 年 9 月--2022 年 11 月

- 专业: 信息科技

科研经历

福建省智慧城市感知与计算重点实验室   2018 年 9 月--2021 年 4 月

研究助理

- **发明专利**

名称： 一种基于深度学习的城中村识别和人口估计方法、系统及计算机可读存储介质(提交于 2020 年 8 月 26 日)
(专利编号: 202010873246.5)

- **科研论文**

1. UVLens: Urban Village Boundary Identification and Population Estimation Leveraging Open Government Data
(作为第三作者，录取于 UbiComp 2021[CCF A](Oct. 2021 round)

2. Understanding Drivers' Visual and Cognitive Loads in Traffic Violation Hotpots Leveraging Point Cloud-Based
Driving Simulation(作为第七作者，投稿于 IEEE Transactions on Human-Machine Systems)

实习经历

阿里集团-阿里云智能事业群-阿里云-基础产品事业部-混合云平台   2021 年 4 月--2021 年 7 月

测试开发实习生

- **实习工作**

用例梳理： 完成运维平台专有云业务的用例梳理。

性能压测： 完成集团内部分布式解决方案"蜻蜓"的性能压测。

自动化测试： 独立编写完成运维平台自动化测试代码，覆盖运维平台产品所有 61 个接口、3 个生命周期主流程。

功能验收： 独立负责并完成多个业务的功能验收至交付阶段。

深圳瑞捷工程咨询股份有限公司   2021 年 3 月--2021 年 4 月

数据分析实习生

- **实习工作**

数据清洗： 进行数据标准化工作，整理数据库中数据，筛选完整无误的房企标准体系数据，清理不完整的数据。

数据分析： 对照工程建筑房企指标与行业指标，对全国 TOP50 的房地产企业的企业指标进行根据不同规则标准进行分析。

设计机器学习工程预警模型： 参与房企与行业数据标准化和工程预警模型设计工作。按照工程师建议分配给工程实测实量的数据不同的权重，对照历史发生业主群诉、安全事故案例发生记录的数据，对现时数据进行分析，输出风险概率并进行风险预警。

项目经历

- **香港科技大学 GSAA2021 届选举系统**   2021 年 7 月

Web 应用(**hkustgsaa.org**)

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- **厦门大学 2020 年光盘打卡项目**   2020 年 10 月

《光盘打卡 XMU》微信小程序

参与微信小程序的开发，实现微信小程序中兑换奖品等功能。微信小程序吸引超过 5500 名同学以及教职工使用，总打卡记录超过 75500 次。活动期间 DAU 高达 2139 名，日打卡记录高达 7502 次。

- **第十二届中国大学生计算机设计大赛数媒游戏类**   2019 年 7 月

《深海迷踪》手机游戏

作为队长，主导游戏主题的设立以及游戏逻辑的实现。在开发过程中利用 Cocos Creator 独立完成游戏框架的开发，利用 Tilemap 软件进行 UI 主题的规划，参与游戏脚本语言 JS 逻辑编写。在杭州决赛答辩阶段，得到了全体评委的一致好评，最终被授予全国三等奖。

学生组织及社团经历

▶ **厦门大学信息学院计算机科学系团总支**　　　　　　　　　　　　2019 年 9 月--2020 年 11 月
组织部部长

组织学年内系中如《厦门大学 ACM 校级竞赛》等活动，在任期内组织协调系内各年级四百余名学生数十次院级以及校级活动的参与。

▶ **厦门大学绿野协会**　　　　　　　　　　　　　　　　　　　　　2018 年 9 月--2019 年 6 月
主要负责人

负责社团的运作以及报名参加各类奖项评选，策划社团一部分户外活动以及进行环保宣讲科普。在任期中招揽了 400 多名社员，并取得了全国高校百强社团以及第四届"光大环保杯"全国大学生绿色梦想共创计划大赛全国三等奖的荣誉。

荣誉与奖项

厦门大学信息学院优秀本科研究助理	2020 年 10 月
中国大学生计算机设计大赛三等奖	2019 年 8 月
厦门大学学业优秀奖学金	2018 年 10 月
厦门大学信息学院第 14 期本科学生骨干	2018 年 5 月

技能及其他

➢ **语言能力：** IELTS:7　　CET-6: 543
➢ **专业技能：** Python（熟练）、C++（熟练）、Java（熟练）、GO（熟练）

Yuan Fangxu

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EDUCATION

Xiamen University   Sept 2017 - Jun 2021

Bachelor of Engineering in Computer Science and Technology   GPA(overall):3.24/4.0

➢ **Relative Courses:** Algorithm Design and Analysis (A); Digital Image Processing (A+); Operating System (A+); Software Engineering (A); Compilation Principle (A).

The Hong Kong University of Science and Technology   Sept 2021 - Nov 2022

Master of Science in Information Technology

RESEARCH EXPERIENCE

Fujian Key Laboratory of Sensing and Computing for Smart City   Sept 2018 - Feb 2021

Research Assistant

➢ **Patent**

Urban Village Identification and Population Estimation Method, System and Computer Storage Medium Based on Deep Learning submitted at 26 Aug. 2020 (Patent Number: 202010873246.5)

➢ **Paper**

1. UVLens: Urban Village Boundary Identification and Population Estimation Leveraging Open Government Data (Accepted by UbiComp 2021 [CCF-A] (Oct. 2021 round) as the third author)
2. Understanding Drivers' Visual and Cognitive Loads in Traffic Violation Hotpots Leveraging Point Cloud-Based Driving Simulation (Currently submitted by IEEE Transactions on Human-Machine Systems as the seventh author)

PROFESSIONAL EXPERIENCE

Alibaba Group - Alibaba Cloud Intelligent Business Group – Hybrid Cloud Platform   Apr 2021 - Jul 2021

Test Development Intern

➢ **Internship content**

Combing use cases: Completed use cases Combing for the private cloud services of the O&M platform.

Stress testing: Independently completed the stress test of the new version of the distributed solution *Dragonfly*.

Automated test: Independently wrote and completed the automation interface test code of the operation and maintenance platform, completed the application operation and maintenance life cycle main process use case automated testing, covering all sixty-one interfaces and three main processes of the operation and maintenance platform products

Functional acceptance: Independently responsible for and complete the functional acceptance of multiple businesses to the delivery stage.

Shenzhen Ridge Engineering Consulting Co., Ltd.   Mar 2021 - Apr 2021

Data Analysis Intern

➢ **Internship content**

Data cleaning: Carrying out data standardization work, sorting out data in the database, screening complete and correct housing enterprise standard system data, and cleaning up the incomplete data.

Data analysis: Analyzed the enterprise indexes of TOP50 real estate enterprises in China according to different rules.

Design a machine learning engineering early warning model: Participate in the design of real estate and industry data standardization and engineering early warning models. According to the engineer's suggestion to assign different weights to the measured data of the project, compare the historical data of owner group complaints and safety accident cases to analyze the current data, output the risk probability and carry out risk warning.

SELECTED AWARDS

➢ Excellent Undergraduate Research Assistant, School of Informatics, XMU   Oct 2020
➢ The Third Prize of China University Computer Design Competition (TOP 1%)   Aug 2019
➢ Xiamen University Academic Excellence Scholarship (TOP 20%)   Oct 2019

PROJECT

➤ **Xiamen University "Clear your plate" project**   Oct 2020

"光盘打卡XMU" WeChat Mini Program

Participate in the development of WeChat Mini Programs and realize the function of redeeming prizes. The WeChat Mini Program has attracted more than 5,500 students, faculty and staff, and the total number of punch-ins has exceeded 75,500. During the event, there were 2139 DAUs and a record of 7502 punch-ins per day.

➤ **The 12th Chinese Undergraduate Computer Design Contest**   Jul 2019

"TrackUndersea" mobile games

As the captain, I lead the establishment of the game theme and the realization of the game logic. In the defense stage of the Hangzhou final, it was praised by all the judges and was finally awarded the national third prize

LEADERSHIP EXPERIENCE

➤ **Youth League general branch of the Department of CS, School of Informatic, XMU**   Sept 2019 - Nov 2020

Minister of Organization

Organize activities such as "Xiamen University ACM School-Level Competition" in the department during the academic year, and organize and coordinate the participation of more than 400 students of all grades in the department in dozens of college-level and school-level activities during the term of office.

➤ **The Greenwild Club, Xiamen University**   Sept 2018 - Jun 2019

Main in-charge

Responsible for the operation of the club and signing up for various awards, planning part of the club's outdoor activities and conducting environmental protection preaching. During his tenure, I recruited more than 400 members, and won the honor of the top 100 national colleges and universities and the third prize of the 4th "Everbright Environmental Protection Cup" National College Student Green Dream Co-Creation Plan Competition.

SKILLS

Language Skills: IELTS:7   CET-6: 543

Programming Languages: Python, C++, Java, GO

Tools: Django, Spring, TensorFlow