WANG HONGRU

https://rulegreen.github.io/

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EDUCATION

Communication University of China   *2015/09 - 2019/09*
Computer Science and Technology   GPA: 3.27/4.00
Computer Operation System, Computer Networks, Data Structures and Algorithms

The Chinese University of Hong Kong   *2019/09 - 2020/11*
Computer Science and Engineering   GPA: None
Data Mining, Big Data Technology, Machine Learning

EXPERIENCE

Beijing Dajia Hulian Information Technology Co.,Ltd(Kuaishou)   *2019/04 -2019/07*
Recommend System Intern   *Beijing*
Music: Responsible for some data products such as KuaiTing music list, and use proto3 of grpc to build data interface, and optimize code logic according to interface access, and write a web which is used for music operation, saving time and communication cost for company
Recommend: Optimize the recommendation logic of similar music page under the music tab, mainly using collaborative filtering and other base strategy; optimize the recommend video of the music, so that the latest video with higher quality can be better distributed, and communicate with the mmu department, so that the original sound music and the non- original music are mapped to each other, and the recommended range is expanded
Analyse: Design AB test experiments according to different requirements, and add test indicators such as DAU, PV, UV by writing python program

Qihoo 360 Technology Co., Ltd   *2018/08 -2018/11*
Data Analysis Intern   *Beijing*
Performed competitor analysis, on-page, and off-page optimization for the app to improve performance, recorded investment and return, and changed operation strategies accordingly
Assessed the valuation of risk assets and capital budget, placed it in a visual context, and presented and explained it to team daily and monthly
Led the planning, development, and implementation of marketing strategies under the guidance of group leader, analyzed results and facilitated the sale of wealth management products

PROJECTS

SemEval Task 4: CommonSense Dectection and Explanation   *2019/09 - Now*
The project is a task of SemEval 2020, and it requires us to build a model or some models to solve three subtasks. Task A and task B are text classification problems which requires you to choose sentences that does not make sense from two sentences and choose one reason from three options which can explain it. Task C is a text generation problem, which requires us let machine generate the reason.

Interdisciplinary/Mathematical Contest In Modeling of America   *2018/02 - 2018/03*
Applied raw data correction to establish mathematical model using MATLAB, and developed an analogue simulation to the existing energy using Adapted methods of machine learning to actual situations, predicted the profile of energy in the next 15, 50, and 100 years, and proposed sustainable development strategies
Improved English writing skills and laid the foundation for future academic writing

Undergraduate Program for Entrepreneurship *2017/03 - 2018/03*

Collected questionnaires and requirements to confirm the core function of the program, drew a prototype of the product

Designed interaction logic and user interface, and responsible for the division of labor, meeting holding and problem solving, addressed some problems about data transmission

Analyzed feedback from students, teachers and staff, improved functions of platform, and created new versions of the platform or bug fixes

PUBLICATIONS & PATENTS

"Research on Face Image Clustering Based on Integrating SOM and Spectral Clustering Algorithm", International Conference on Machine Learning and Cybernetics, 2018 [Accepted, Paper ID:2008]

A software copyright of "WeCampus WeChat mini-program"(2018SR562540)

SKILLS

English: IELTS: 6.5, CET-6: 606
Coding: Python, MySql, Java
Slogan: Keep it simple and stupid

AWARDS AND SCHOLARSHIPS

Third Prize of Internet + College Students Innovation and Entrepreneurship Competition   school

China National Radio Scholarship   school

Meritorious Winner, Mathematical Contest In Modeling(2018)   international