Chen Guanze

Email：Guanze.ec@gmail.com

Education background

The Chinese University Of HONG KONG   09/2023-07/2024
Degree: Master of Science (expected in 07/2024)
Major: Computer Science

Sichuan University   09/2019 - 07/2023
Degree: Bachelor of Management
Major: Information Resource Management   GPA:3.85/4｜Ranking:3/75

Research Experience

Creating web applications and mobile apps for big data collection and analysis   05/2022 - 11/2022
Tutor: Jiguo Cao   **Simon Fraser University, Burnaby, Canada**
Aim: Develop machine learning methods for big data analysis and build user-friendly web
applications and mobile apps for big data collection and analysis.

- ❖ Participated in the design and deployment of machine learning algorithms to gather data in healthcare, education, transportation sector, etc.
- ❖ Designed machine learning algorithms to analyze the data and deploy them on web and mobile

Research and Application of China's Early Childhood Physical Fitness Evaluation System based on Big Data Multiple Regression and Tracking Modeling   09/2021 - 04/2022
Tutor: Prof. Zhang Jianxin   Prof. Huang Yanhui   Sichuan University

Introduction: Collect data on the physical fitness of young children and establish an algorithmic model of children's physical fitness by multiple regression analysis, which provides a reliable big data model and quantitative standards for improving the physical fitness of young children in China

- ❖ Constructed an information system for data collection, entry of physical fitness test of young children
- ❖ Assisted in analyzing the data, improving the evaluation model based on the analysis result, and implanting it into the evaluation system
- ❖ Completed the algorithm design and worked with Chengdu Education Research Institute to apply the system to local kindergartens

PAPERS

- ❖ ZHU Yu, **CHEN Guanze**, LU Yongrong, et al. Generative Artificial Intelligence Governance Action Framework: Content Analysis Based on AIGC Incident Report Texts[J]. Documentation,Information & Knowledge, 2023, 1-11.

Professional Experience

Data Analysis & Development   SEWC(Siemens Electronic Works Chengdu)   12/2022-04/2023

- ❖ Preprocessed and persistently stored real-time production data
- ❖ Extracted data features for data analysis of different business scenarios
- ❖ Developed systems to display analysis results.
- ❖ Skills involved: Vue.js, Django, SQL, Python

Community Service & Voluteering

Open source contributions   11/2022 - 03/2023
Datawhale

- ❖ Wrote installation and implementation tutorials, prepared learning roadmaps for people who didin't have access to AI learning resoureces, such as dive into deep learning