CHEN QIAN

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EDUCATION

University of California, Davis, Davis, USA   *September 2021 - June 2023 Expected*
Master of science
Department of Statistics

Complutense University of Madrid, Madrid, Spain   *September 2016 - July 2020*
Bachelor of social science
Department of Statistics   *GPA: 3.6*

WORK EXPERIENCE

HD education company, Shanghai, China   *June 2021 - present*
Tutor(part-time)

- Taught practice courses in Statistics for undergraduate students.

MPMF(Game company), Wuhan, China   *December 2020 - May 2021*
Data analyst

- Used requests, json packages in Python to Complete the API functions of SensorTower and AppAnnie websites for collecting data.

- Used pandas, pymysql packages in Python and HeidiSQL to clean original data and select tables from database for weekly reports.Then, used Power BI to complete data visualization and design weekly report.

- Designed reward metric and used R to run A/B test for comparing different versions of Wheel Offroad 3D.

- Helped colleagues to create RFM model and use clustering algorithm for describing clients and making categories.

MPMF(Game company), Wuhan, China   *September 2020 - November 2020*
Data analyst(Internship)

- Completed daily product data collection task through the SensorTower and analyzed daily and weekly trends in the mobile game market to write data reports.

- Collected and analyzed indicators(DAU, ECPM, retention rate, etc.) to provide optimization strategies and recommendations.

PROJECTS

Application of Logistic Regression Model to Game Data Classification
Using SPSS to generate logistic regression for predicting player positions (offensive or Defense) and checking whether the FIFA 19 player ability value matches the player's actual position. Shooting ability concluded that if other abilities are the same, the probability that a player with a higher shooting ability is an offensive player is 3.6 times higher than a player with a lower shooting ability.

SKILLS

Python, R, SPSS, SAS, Matlab, C++