

ZHANG YUN

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PROFILE

Passionate about programming with a strong interest in machine learning and application development.

- Excellent communication skills, fluent in English and Mandarin Chinese
 - Loving all kinds of new technology
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EDUCATION

Software Engineering, MD present Sep.2014-Mar.2017
School of computer and science
Beijing Institute of technology

Software Engineering , BD Sep.2010-Jul.2014
School of computer and science
WuHan Textile university

PROFESSIONAL EXPERIENCE

Oct.2015 Radar Simulation System(C#)

- Served as team leader, design and implements the system frame
 - Took part in the software testing
 - It contains two parts: **offline and online**. Offline , the data is stored at the **Access database**. Online, the client communications with the **server** and fetch the trace data. Using the **MapInfo** to show the trace of moving objects. And final we can analyze the trace, then get the time space and frequency feature.
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Aug.2015 Sina Weibo Prediction competition(Python)

- Modeling on the data which have been published by the user to predict one tweet how many forwards, like and comments will have.
- Using **Python** to clean and check the data whether have wrong data, and statistic the fluctuation of the data. Choose an appropriate dataset to fetch features, and final attempt several machine learning model.
- The feature contains url, hashtag, at someone, similarity, interesting and so on.

May.2015 Alibaba finance purchase redemption forecast(R,Java)

- Train data contain bank shibor, user consume(every data), user profile and day share interest. The Aim is to predict how much money every day will purchase and redeem in future one month .
- Using **Java** to deal with the data, and use the excel to watch the fluctuation of the data and analyze the wave. Final choosing **Arima** , **linear regression**, and **Random Forest** to model this problem.

Dec.2014 Pedometer (Android)

- Using the accelerator sensor to detect user's movement, and then show the steps on the UI. In which, we do some experiments to check the fluctuation of the accelerator sensor when user is moving, and set a threshold to decide whether user move.
- Design the UI try to make it beautiful and suitable for user, and wish it will remind user to do some sports.

AWARDS & HONORS

Country Motivational scholarships (2011)

Second-class Price (2012)

National college the internet of things programming challenge Second-class price (2014)

ADDITIONAL SKILLS

- Excellent at Java, C/C++, python;
 - Skilled at C#, R, HTML
 - Skilled at data structure and common algorithm
 - Skilled at linux , SQL Server, MySql
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HOBBIES

- Basketball, fitness, running