# Hongpeng Jin

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## EDUCATION

**The University of Texas at Dallas, Naveen Jindal School of Management**  Richardson, TX
*Master of Science, Information technology and management, Business Intelligence and Analytics track*  GPA: 3.45/4.0
**Nanjing Normal University, School of Geography Sciences**  June 2016
*Bachelor of Business Administration, Business Administration, Tourism Management track*  GPA: 3.54/4.0

## WORK EXPERIENCE

**ZTE USA Inc.**  Richardson, TX
*Test Automation Engineer / Test Engineer*  Apr. 2018 – Present
- Code for Devices Automatic Testing (AIO project) including 43 scripts for Tacfone test cases and 11 scripts for Verzion test cases using Python/Android Studio/GitLab/Jenkins/UiMap/UI Automator
- Analyze problems in the Automatic Testing system and debug these problems
- Execute test cases, including black box testing and manual handset tests focusing on user requirements
- Identify bugs, collect and analyze logs using Qualcomm products (QPST, QXDM, QCAT etc.) and Wireshark
- Collaborate with R&D team and requirement managers about log analysis and problem fixing

## ACADEMIC PROJECT

**Applied Machine Learning**, the University of Texas at Dallas  Jan. 2018 – May. 2018
*The combination of several homework projects using Anaconda/ Python/ Scikit-learn*
- preliminarily Analyzed relations between the target feature and other features to find good features for next step
- Trained linear regression using the training data set and predicted the target feature in the test data set
- Converted this into a binary classification problem, and then trained Logistic Regression/ SVC/Decision Tree/ Random Forest/ Artificial Neural Network Models and tested its accuracy
- Analyzed and improved the accuracy using Feature Selection, PCA, ICA and Kmean

**Big data Analytics**, the University of Texas at Dallas  Jan. 2018 – May. 2018
*Flight delay analysis*
- Set up and managed my Virtual Machine on Microsoft Azure
- Analyzed airline data, airport data and fight data to find out the delay in the departure of flight and the delay in the arrival using spark/hive/pig

**Systems Analysis and Project Management**, the University of Texas at Dallas  Jan. 2018 – May. 2018
*miRing (our project's name, a project tries to usa a magic ring to improve our digital life)*
- Desgined the foundation how it works like open house or car door, transfer info with smartphone or other rings
- Made a report to introduce it include Context Diagram/Pocess Model/Data Model/Object Behavior Model

**Data Visualization**, the University of Texas at Dallas  Aug. 2017 – Dec. 2017
*Visualization and analysis of prize-winner in Olympics games from 1896 to 2016*
- Dug out interesting insights in the data, such as which areas are significant influenced by the Age of athletes
- Combined with other data like each countries' population and their economics to found more useful insights
- Made final report and video to show our achievement using Tableau

*Web Scraping at www.bcsfootball.org*
- Scraped the data from website by using python/requests/urllib2/BeautifulSoup4
- Extracted the entire list of Rankings table at "www.bcsfootball.org" and made a CSV file as a dataset

**Data Management**, the University of Texas at Dallas  Jan. 2017 – May. 2017
*'Loving Homes' hotel database system using MS Access*
- Draw the ERD map about relation of each data sets by using MS Visio and build the database using MS Access
- Established user-friendly interface to manage the rooms' and guest's data by using MS Access
- Wrote a project report to introduce our research and our database system

## LEADERSHIP AND ACTIVITIES

**IT department of FACSS-UTD**, the University of Texas at Dallas  Richardson, TX
*Web Developer*  Aug. 2017 – Dec. 2017
- Maintained our organization's website: http://bbs.facss.us/index.php
- Developed special functions for some activities' or festivals' special demands

## ADDITIONAL INFORMATION

Personal Website: https://hopenjin.github.io/myBetterResumePage/
Programming Skills: Python(more confident!), R, SQL, Java, Scala, HTML/CSS/JavaScript
Software Skills: Tableau/Power BI, Rstudio, MS office, SQL Server/MySQL, Hadoop/hive/spark/Azure/Linux/Putty