

ZHU ZELONG

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EDUCATION

The University of Manchester (UK)

September 2014–September 2015

- MSc in Advanced Computer Science: Knowledge and Data Management (Major in data science)

Central University of Finance and Economics (China)

September 2007–June 2011

- Bachelor: Information Management and Information System
- Overall GPA: 3.5/4.5 (Rank: 2/29)

WORKING EXPERIENCE

China Guangfa Bank

July 2011–January 2014

IT Department of Head Office

Assistant of suppliers manager

- Suppliers management: Searched for eligible suppliers of appliances, software, software development and maintenance for different projects. Maintained the data regarding suppliers, products and services. Investigated features of hardware and software. Negotiated prices with suppliers.
- Project management: Assessed the selections of appliances and system software based on budget, costs and features of products. Evaluated the periods of purchase to help make the project plans. I participated in the project of construction of the Nanhai data centre.
- Product evaluation: Helped developers to evaluate appliances and software. Participated in products conferences and make decisions on adoption of new products.

PROJECT EXPERIENCE

Data mining in Bibliotheca

Feb 2015 – Sep 2015

- Analyzed the transactional data of libraries provided by Bibliotheca and compiled an analytical report.
- Used MSSQL and R to clean data and preprocess data.
- Used Python and Google API to reverse geocode the location of libraries.
- Used R to carry out exploratory data analysis; implement time series analysis for prediction.
- Used Python to carry out clustering and classification analysis; I also implemented a clustering algorithm and a feature selection algorithm in Python.
- Compiled an analytical report. The report also served as my MSc dissertation.

SKILLS

Technical Skills

- Python: Familiar with Python in data analysis. Also capable of implementing algorithms in Python.
- R: Familiar with R in data analysis and writing reports in R. Basic level in statistics.
- SQL: Proficient in writing SQL queries to extract and transform data.
- \LaTeX : Proficient in writing reports in \LaTeX .
- Git: I used Git and Github to manage my project and coursework.
- Business communication: I am experienced in communicating with and coordination.