Neil Yang Yubo

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EDUCATION

NATIONAL UNIVERSITY OF SINGAPORE   Singapore

Master of Science in Business Analytics   Aug. 2016 – Present

- Project Traffic-Optimization: Designed an Optimal Uber-assignment approach to minimizes the total time/distance travelled
- Project Volcker Rule Analysis: Used machine learning method to estimate the effect the Volcker Rule on US banks and provided insights for the regulator
- Project Faculty Compensation Analysis: Studied the interaction effect of compensation transparency and faculty status on salary

NATIONAL UNIVERSITY OF DEFENSE TECHNOLOGY   Changsha, China

Bachelor of Engineering   Sep. 2009 – Jul. 2013

- Excellent Squad Award of Parade in National University of Defence Technology
- Second Prize of Innovation Practice in National University of Defence Technology

EXPERIENCE

LENOVO - Global Analytics Hub   Singapore

Data Analyst (Internship)   Apr. 2017 – Present

- Provided an advanced What-If solution for suppliers selection by integrating R studio and Qlik Sense
- Built and automated reports and dashboards to support the decision making
- Re-designed the supply chain management analytic dashboard (Qlik Sense) with global team
- Analysed internal data, finding potentially unqualified indicators and providing the optimal solution.
- Optimized the data processing system, reduced the running time from 3 hours to 30 sec.

NATIONAL UNIVERSITY OF SINGAPORE   Singapore

Research Assistant   Apr. 2017 – Jul. 2017

- Replicated and examined the robustness of published academic papers (Research in Marketing) by R
- Wrote reusable research code and prototypes for statistical modelling on R
- Scraped data from public website using self-designed Python program
- Participated in developing an R package and put it into practice

JULES VENTURES   Singapore

Business Analyst (Part time)   Nov. 2016 – Feb. 2017

- Part of a team in developing a Web-App dashboard to be used for internal data analytics
- Performed ETL (Extract, Transform, and Load) to extract the data from the server
- Conducted Client data analytics and visualization using R and SQL
- Responsible for data cleansing and feature engineering on the existing database
- Processed disparate client data sets to merge information from multiple sources and allow for seamless analytics

ACCENTURE   Singapore

Remote Part-Time Assistant   Nov. 2016 – Jan. 2017

- Participated in the strategy planning project of Shanghai Electric Power Company Limited (SEPCL)
- Collected statistical data from the National Bureau of Statistics and information about the uses of new energy technology
- Sorted information of SEPCL's investment on seven major overseas countries
- Analysed developing trends and waves of domestic and foreign electric power markets

EXPERIENCE

COSCO SHIPYARD TOTAL AUTOMATION   Zhou Shan, China
Assistant Engineer & Project manager   Feb. 2014 – Feb. 2015
● Developed new customers and maintained the relationship with old clients; sold products and services
● Offered professional consulting services and solutions to encompass clients' wide range of requirements
● Managed a team of 5; project supervisor for construction of ship electric automation engineering
● Conducted industry research and analysis; provided front-to-end support for the firm's major projects
● Won the General Manager's Special Award of COSCO Shipyard Total Automation Co. Ltd in 2014

SKILLS AND ACTIVITIES

Language: Proficient in English and Chinese (native)
Software Proficiency: R, SQL, Python, Qlik Sense, Tableau, PHP, HTML, Linux, AMPL, Java, Hadoop
Advance Statistical Learning: Random Forest, Neutral Network, Support Vector Machine, etc.

OTHER ACHIEVEMENTS

Publication:
Information System Engineering, First Issue 2015, Page 86, Research of Safeguard Mechanism of Ship Electric
Automation System Stability   2015
China New Telecommuni, First Issue (B) 2015, Page 92, Research of Application of Intellectualized Technology
in Electronic Engineering and Automation   2015
Modules: Statistics, Decision Making Technologies, Analytics in Managerial Economics,
Big-Data Analytics Technology, Data-Driven Marketing, Hands-on with Business Analytics (Consumer),
Data Management and Warehousing, Deterministic Operational Research,