

Rui Jiang

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SUMMARY

Rui has more than 2 years of progressive experience in interpreting, modelling and analyzing data for business solutions. With in-depth knowledge of data capture, data engineer and data visualization, she delivered multiple end-to-end cloud solutions and provided actionable insights for global analytics projects as a team leader.

SKILLS LIST

- Programming and Database Skills: Python, R, DAX, Hive, MySQL, PostgreSQL, SQL Server, Microsoft Access
- Cloud Platform: Azure Data Factory, Azure Analysis Services, AWS (AWS Certified Cloud Practitioner)
- Data Visualization Tools: Power BI, Tableau, QGIS, ArcGIS

WORK EXPERIENCE

Deloitte Hitech Ltd. Apr 2021 - Present
Delivery Consultant Chongqing, China

- Participate in the development and deployment of data lake project for Johnson Controls, Inc.
- Data Ingestion: Utilize SQL Server to implement metadata configuration and HQL to develop ETL workflow. Utilize Azure Data Factory to design and implement pipeline for data extraction, conversion, and loading.
- Data Modelling: Participate in the data model design. Utilize Azure Analysis Services to design and deploy Data Cube model.
- Data Visualization: Develop Power BI reports based on the Data Cube model, responsible for business requirements collection, independently design and develop reports.

HungryPanda Ltd. Oct 2019 - Feb 2021
Data Analytics Manager London, UK

- Led a team of 4 developers and served the analytical needs for all business lines in 9 countries. Provided data support and actionable insights for operations, user growth, retention, decision-making, product optimization and senior leadership.
- Data Visualization: Managed the end-to-end process of Business Intelligence, including requirements gathering, defining scope, developing, deploying, and maintaining the BI solutions.
- Automation Tools:
 - Developed automated billing system (SQL+python), saving about 250 hours of work per week for the finance team.
 - Developed automated driver salary calculation system (SQL +Power BI) to improve the work efficiency of the delivery team.
 - Developed automated email sending programs (python) and SMS batch sending programs (python).
- Data Warehouse: Assisting in the architecture design and development of data warehouse platform (DataWorks/MaxCompute)

GeoSpatial Data Generators Aug 2018 - Sep 2018
Geospatial Data Engineer

- Utilized ArcGIS Pro to build high accuracy 3D virtual building models for East Boston using LiDAR data

Hua Nai Spatio-Temporal Network Technology Co, Ltd. Jun 2018 - Aug 2018
Geospatial Data Engineer

- Utilized ArcMAP to digitize floor plans and assets for supermarkets for the purpose of indoor positioning and navigation for mobile phone for Baidu Maps

EDUCATION

University College London Sep 2018 - Sep 2019
MSc Spatio-Temporal Analytics and Big Data Mining (Distinction) London, UK

University of Nottingham Sep 2014 - Jun 2018
BSc Environmental Sciences (Distinction) Nottingham, UK