

Zhengwen Ni

Graduates

Experience in data-related jobs, focusing on Electric Vehicle charging. With an eye for detail and insight, and a clear passion for using technology and information systems to improve efficiency and organisational effectiveness. A keen ability to learn innovative technologies.

Reference Letter Link: https://github.com/sn2121161/Reference_Letter/blob/main/Reference%20Letter%20-%20Zhengwen%20Ni.pdf



nizhengwen@126.com



+44 0753 613 5099



Woodford, London, United Kingdom



[linkedin.com/in/zhengwen-ni-a54565a8](https://www.linkedin.com/in/zhengwen-ni-a54565a8)



github.com/sn2121161

EDUCATION

Business Analytics (MSc)

University of Bristol

09/2021 - 12/2022

Courses

- Data Analysis in Business/ Social Media Analysis/ Machine Learning

Property Management (BSc)

Beijing Forestry University

09/2014 - 07/2018

Courses

- Accounting and Finance/ Management/ Data Structure and Algorithms

SKILLS

Python

SQL

Docker/ Linux command

PowerBI/ Grafana

Dremio/ Spark/ Hadoop

Team Communication

LANGUAGES

English

Professional Working Proficiency

Chinese

Native or Bilingual Proficiency

REFERENCE

Name: Chris Bridge

Position: eMobility Data
Insights and Analytics Product
Manager

Company: Royal Dutch Shell plc.
London

Email: chris.bridge@shell.com

WORK EXPERIENCE

Data Scientist Intern

Royal Dutch Shell plc. London

07/2022 - Present

Achievements/Tasks

- Deeply understood OCPP (Online Chargingpoint Protocol) data and ETL process with Dremio (data lake engine), established the complete upstream and downstream data processing logic, identified and corrected anomalies to improve data quality.
- Based on good data quality, defined the status flow of a successful charging process and improved the calculation methods of charging success rate to support Chargingpoint operators in monitoring charging equipment.
- Used PowerBI to create dashboards and demonstrate the data quality, e.g., missing sessions, the difference in energy delivery
- Used Python to study the physical parameters during the charging process, visualised and classified different flows in different processes, used DTW model to compare the similarity of status flow and predict the battery capacity.

Data Analyst

Star Charge (one of Chinese top 3 Chargingpoint operators)

01/2021 - 11/2021

Achievements/Tasks

- Developed the company's data middle platform based on Dataworks, Dataphin (Aliyun), established KPIs and visualised them in chargingpoint operation, equipment maintenance, finance (6 KPIs about company's receivables, credit sales, customers' account balance based on Grafana), and other data domains.
- Participated in a charging safety project, analysed charging process data from MongoDB, the feature of depicting voltage, current, and temperature curves, and built 400 high-risk vehicle models and set charging thresholds.
- Used linear regression model in Aliyun PAI machine learning platform to predict the daily energy delivery with 90% accurate rate and classified charging stations into several levels (entropy methods) to help companies plan for boutique charging stations.

CERTIFICATES

ACCA (12/13) (03/2020 - 08/2018)