

Chao Hu

Data Scientist

WORK EXPERIENCE

Resume Worded, London, United Kingdom

Education technology startup with 50+ employees and \$100m+ annual revenue

Data Scientist

08/2021 – Present

- Increased the usage and adoption of AI in 20+ departments by implementing RESTful APIs to surface machine learning predictions.
- Designed an anomaly detection framework for 10+ digital channels of RW, reducing monthly loss avoidance by \$23K.
- Built an interactive dashboard for 120+ private sector clients to explore employment and investment opportunities across 30+ geographies.
- Developed a smart solution that reduced the number of manual data entries from 89% to <5%, decreasing processing time from 20+ days to 48 minutes.

Polyhire, London, United Kingdom

NYSE-listed recruitment and employer branding company

Statistical Programmer

10/2019 – 07/2021

- Improved customer retention by creating a personalized statistical formula for 950+ clients; grew monthly sales by 71% using complex formulas.
- Designed a comprehensive template that streamlined the billing process and helped slash annual overhead costs by 39%.
- Overhauled the company's legacy code per W3C standards, which added 84% to system capacity and cut \$3500 from the monthly operating costs.
- Conceived and designed a Simple Object Access Protocol (SOAP) service layer to communicate with 20+ third-party interfaces.

Growthsi, Barcelona, Spain

Career training and membership SaaS with 150,000 users

Database Developer

11/2018 – 09/2019

- Designed a database to track purchase orders, invoices, and shipping information from 1350+ clients.
- Devised and implemented an email package that automatically notifies 150+ developers about issues with overnight backups within 10 seconds of the incident.
- Created an ETL system that pools data from 85+ OLTP sources to a staging area then transforms and loads it into a data warehouse that provides 85% of the information executives use to make decisions.
- Developed an SQL Server Integration Services (SSIS) package to transmit files from 240+ sources and load the data into multiple SQL database tables.

PREVIOUS EXPERIENCE

Junior Web Developer, ABC Company, London, UK

06/2017 – 10/2018

Statistical Programmer, Nulab Inc, Singapore City, Singapore

01/2016 – 05/2017

Junior Data Analyst, Acronis, Singapore City, Singapore

07/2014 – 12/2015

CONTACT

- Singapore City, Singapore
- chaohu1005@gmail.com

SKILLS

Programming:

- SPSS
- SAS
- R
- MATLAB
- Demetra+
- Python

Big Data:

- Hadoop
- Spark
- Storm

Tools and Software:

- SQL
- STAN
- Tableau
- Pentaho

Languages:

- English (Native)
- Chinese (Conversational)

EDUCATION

Singapore Management University

Bachelor of Science in Business Intelligence and Analytics

Singapore City, 10/2010-06/2014

OTHER

- Principal Data Scientist (PDS)
- Certified Analytics Professional (CAP)