

Bingxin Liu

<https://www.linkedin.com/in/bingxin-liu/>

OVERVIEW

I have over two years of experience working in DevOps development and ETL processes. Previously, I work as a Data Research Analyst for an overseas start-up. I'm responsible for applying predictive modeling and ETL processing to generate, format, and transform various forms of data, along with supporting AWS services to deploy to Hadoop cloud servers.

TECHNOLOGY STACKS

Data – ETL process, Data Mining, Predictive Modeling, MATLAB, pandas

Languages – R, Python, NoSQL(Mongodb), Oracle SQL, Bash, HTML/CSS, JS(Nodejs)

Cloud – AWS(EC2, ELK, CloudFront, S3), Docker, Vmware, RHEL Linux, Ansible

Technologies – Excel, Selenium, Django, Ansible, Jenkins, Git, boto3, REST APIs, Git

Apache – Hadoop(Hive, HDFS), Spark

CERTIFICATIONS

Oracle Database SQL Certified Associate

SAS Certified Specialist: SAS 9.4

PROFESSIONAL EXPERIENCE

Huaming Environmental Technology Co (CONTRACT)

February 2018 – January 2021

Data Research Analyst

Shenzhen

Applied machine learning with statistical software and enterprise tools, build prototypes and managing data pipeline, collaborate with a multi-disciplinary team to develop applications for deliveries.

- Uses analytical rigor and statistical methods to analyze large amounts of data, extracting actionable insights using advanced statistical techniques such as data analysis, data mining, optimization tools, and machine learning techniques.
- Working with local, distributed, and cloud-based technologies using AWS deployment services & RHEL servers, EC2, Hadoop HDFS, Hive for data processing.
- Worked with multiple teams across the project to collaborate between data development and testing release.
- Collaborate with Agile teams to design, develop, test, implement, and support technical solutions during deployment and sprint cycle using Jira and Jenkins pipeline.
- Produce analysis of historical patterns in customer behaviors and product performance from complex real-world behavioral data.
- Develop AWS solutions and configuring data pipelines for Agile teams.

EDUCATION

M.S. Data Analytics / Western Governors University 2020 - 2021

B.S. Biomedical Engineering / Penn State University 2014 - 2018