Aaron Hong

aaron.dev247@gmail.com | LinkedIn | GitHub | Portfolio

Skills

- Python, Django, Java, Spring, JavaScript, Vue.js, React
- Excel, SQL, Tableau, Power BI, Pandas, Spark, Scikit-learn, TensorFlow
- MySQL, SQL Server, MongoDB, Redis, Linux, Git, Docker, K8s(Kubernetes)
- English, Mandarin(Chinese), Cantonese(Chinese)

Education

Google Advanced Data Analytics Professional Certificate *12/2023 - 03/2024*

Google Data Analytics Professional Certificate *09/2023 - 12/2023*

- Gained proficiency in Python, Excel, SQL, R, Tableau, exploratory data analysis, statistical data analysis, regression analysis, data modeling, and the basics of machine learning.

Guangdong Baiyun University | Bachelor of Computer Science *09/2022 – 06/2024*

- Relevant Coursework: Data Structures and Algorithms, Operating Systems, Computer Architecture, Linear Algebra, Statistics and Probability, OOP(Java), Linux, Database Fundamentals, Network Security, Cloud Computing

Guangdong Lingnan Institute of Technology | Software Technology *09/2017 - 01/2022*

Work Experience

Guangzhou Junyue Information Technology | Java Developer (Internship) *10/2023 - 04/2024*

- Participate in code reviews, test and debug code, write technical documentation.

Guangzhou URUN Big Data Service | Python Developer (Full-time) *04/2020 - 07/2022*

- Used HTML, CSS, and JavaScript enhanced the internal development system with features such as file decompression and targeted file distribution, resulting in a 50% increase in development speed.
- Responsible for API development and documentation, collaborating with frontend developers, debugging and maintaining all assigned projects.

Projects

Data Analysis Projects

- A series of personal data analysis projects utilizing Python, SQL, Excel, Tableau, and Power BI.

Lookout Sentry

- Wrote a socket in Python to fetch data from partner company's servers, which increased the development speed of this project by 20%.
- Collaborated with the AI team to perform data cleansing on the acquired data using NumPy and Pandas, which reduced the AI team's workload by 25%.

Hangzhou Online Review

- Used Java and multi-threading techniques to migrate data from MongoDB to MySQL, which was 5-10 times faster compared to single-threaded operations.
- Wrote optimized SQL query that increased the speed of queries on the site by 200%.