

Aaron Hong



aaron.dev247@gmail.com



[LinkedIn](#)



[GitHub](#)



[Portfolio](#)

Skills

- Python, Django, Java, Spring, JavaScript, Vue.js, React
- Excel, SQL, Tableau, Power BI, Spark, Machine Learning
- 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

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

[Google Data Analytics Professional Certificate](#)

09/2023 - 12/2023

- Gained proficiency in Excel, SQL, R, Tableau, data cleansing, extracting data from databases, and presenting data through dashboards.

[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

Work Experience

[Guangzhou URUN Big Data Service](#) | Software Engineer

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%.