

# Aaron Hong



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[LinkedIn](#)



[GitHub](#)



[Portfolio](#)

## Skills

- Python, Excel, SQL, Tableau, Power BI
- Numpy, Pandas, Matplotlib, scikit-learn(sklearn)
- English, Mandarin, Cantonese

## 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** | Python Developer

04/2020 - 07/2022

- Increased development speed by 50% by adding useful features to the internal development system using HTML, CSS, and JavaScript.
- Collaborated with Python Team Leader to identify and resolve slow website queries. Implemented solution that increased query speed by 200%.

## Projects

### [Data Analysis Projects](#)

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

### **Lookout Sentry**

- Wrote a socket to facilitate data acquisition from third-party APIs, 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 multi-threading techniques to replicate and convert 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%.