Wilson Wang

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Summary

Senior Data Analyst with background in Business Analytics and Computer Science.
Energetic individual with hands-on experience developing robust code and building data pipelines
Looking for a Data Engineer / Analyst position.

Education

Arizona State University, Tempe, Arizona — May 2018
Master of Science in Business Analytics (4.0 GPA)

National Taiwan University, Taipei City, Taiwan — July 2017
Training Program in Computer Science and Information Engineering

Soochow University, Taipei City, Taiwan — June 2016
Bachelor of Business Administration

Qualifications

- **Programming Languages:** Python, Java, SQL, NoSQL, JavaScript
- **Tools & Framework:** Airflow, Spark, MapReduce, HDFS, Hive, Spark, Docker, MySQL, MongoDB, Git, Linux, Tableau, DataStudio, Django, React, NodeJS, Redshift
- **Exposure:** Redux, Kubernetes, HBase, Cassandra, PostgreSQL

Experience

Senior Data Analyst
Klook, Taipei, Taiwan — March 2020 – Present

- Responsible for managing Analytics team Big Query data mart to ensure clear data flow and well structured table dependency, and building company level dashboards through Tableau and Data Studio with high impact insights and perfect designed visualization.

Data Engineer
Cruise America, Mesa, Arizona — June 2018 – January 2020

- Built enterprise interface and pipeline with Python and JavaScript to support sales department with the specific needs and improve the efficiency and efficacy of business data flows.
- Coordinated with internal department and performed ad-hoc projects using SQL and Power BI to visualize and create reports according to different business logics.

Projects

Instagram Full-Stack Development

- Developed customized Instagram using Python Django framework, implemented CRUD operations through SQL database, built dynamic web API by JavaScript Ajax technique.

Google Auto Completion

- Built N-Gram library and language model using MapReduce framework, created Hadoop clusters through Docker, and visualized the result by connecting the data to MySQL database.

Data Driven Quality Management - Bike Co-op at ASU

- Led a team of 4 members to solve long wait time problem, used R to analyze the process data, decreased the average queue time, and recommended segregation of various service to improve service delivery.