

DUKE (SUNG HOON) YANG

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Education

NEW YORK UNIVERSITY

M.S. in Applied Urban Science & Informatics

NY, UNITED STATES

UNIVERSITY OF CALIFORNIA, BERKELEY

B.A. in Economics

CA, UNITED STATES

Graduated in Dec '15

Employment History

Feb 2016 – Aug 2018

Data Engineer

COUPANG Seoul, South Korea

- Migrated on-premise Data platform (IBM PureData) to AWS. Spearheaded the DQ project, with automated reporting. Released and administered Redshift clusters.
- Built and Owned a Flask application that automates scheduled job generation using Jinja, SQLAlchemy, and Airflow.
- Designed TMS domain's mart tables to automate weekly business reports.
- Designed and maintained Airflow DAGs & Operators for various source databases, including unsupported MongoDB or Greenhouse API.
- Built ETL SLA monitoring tool using node.js with express & D3.js. Serviced email and Slack.

May 2015 – Aug 2015

Data Analyst

IDEASCALE Berkeley, CA

- Administered Google Analytics(GA) by building custom metrics to track customer behavior.
- Designed business reports in GA dashboard.

Jan 2014 – Apr 2014

Data Analyst

NATIONAL ASSEMBLY, REPUBLIC OF KOREA Seoul, South Korea

- Owned data collection from various sources (PDF invoices, Excel, and API data), and produced analytic reports for MP Min Seok Ahn to be used in public hearings.
- Published reports of historical budget spending per category, supporting ad hoc drill-down on user-defined dimensions.
- Enabled automatic reporting using VBA.

Jan 2012 – Nov 2013

Tank Driver, Squad Leader

REPUBLIC OF KOREA ARMY Ga-Pyeong, South Korea

- Operated and maintained a K-21 armored vehicle.
- Taught English for 16 months, and counseled suicidal soldiers.

Skills

Portfolio: sunghoonyang.github.io

Technology Skills: Python, SQL, NoSQL, Bash, Javascript, AWS(S3, EC2, EMR, Redshift), HDFS(Hadoop, Spark, Avro, Zeppelin), Unit Testing, Agile Method(git, Jira, Sprint, etc.), Database Administration, MVC App Development (Ruby on Rails, Flask, node.js)

Data Skills: Modeling(Dimension & Fact Design), Quality Assurance, Analysis(BI, ETL, KPI Aggregation, Regression), Visualization(Tableau, PowerBI, D3.js, Sigma.js, matplotlib, etc.)

Hobbies: Logic Pro, Music Composition, SuperCollider

