

Minjae Lee

Résumé

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Education

2018–2022 **Bachelor of Science in Computer Science**, *The University of Virginia*, School of Engineering and Applied Science, *MAJOR GPA – 3.4*.

Courses: Data Modeling and Design, Database Systems, Cloud Computing, Data Science with Python, Data Structures and Algorithms, Machine Learning, Operating Systems

Skills

Languages Python, SQL, YAML, HTML, CSS, Java, Jinja, C, C++, JavaScript

Tools Git, Docker, Airflow, Spark, Terraform, GCP(Bigquery, GCS, Looker Studio), dbt, AWS(S3, EC2, Lambda), Dimensional Modeling, DNS Management(Cloudflare)

Systems Linux(Ubuntu, WSL), Windows

Projects

Wordle Pipeline, Python, SQL, YAML, Jinja, Docker, Airflow, Spark, Terraform, BigQuery, GCS, dbt, Looker Studio.

- Created an ETL pipeline storing New York Time's Wordle data extracted from Twitter
- Orchestrated with Docker and Airflow; Transformed and staged with Spark and dbt

Music Listening History ETL Pipeline, Python, SQL, Airflow, Dimensional Modeling, Looker Studio.

- Created an ETL pipeline storing music listening data from Last.fm API
- The data is staged as a star schema model following Kimball's dimensional model
- The pipeline is orchestrated using Airflow and visualized through Looker Studio

Datashrub Portfolio Website, HTML, CSS, JavaScript, Cloudflare.

- Created a web portfolio to serve as an endpoint for displaying personal information, skills, and projects.
- Used Cloudflare to deploy and host the website through a custom DNS.

Work Experience

2019–2021 **Undergraduate Teaching Assistant**, *COMPUTER ARCHITECTURE*, University of Virginia.

- Mentored classes of 100+ students for 3 college semesters
- Facilitated and assisted 30+ technical lab sessions
- Contributed to the development and adjustment of 10+ assignments and labs

Activities

2020-2022 **Leadership Positions in Taiwanese Student Association.**

- Assumed roles of Vice President, Advisor, Social Chair, and Historian
- Managed and coordinated events accommodating 200+ members for 6 college semesters
- Directed meetings and facilitated communication between 20+ executive officers and board members, maintaining membership retention during COVID19 remote semesters

2019 **Collegiate Overwatch E-Sports Team Captain and Coach**, *Collegiate E-Sports*.

Languages

Native **English, Korean**