

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, Structured Query Language, PL/SQL Programming, Cloud Computing, Data Science with Python, Data Structures and Algorithms, Machine Learning, Operating Systems

Skills

Languages Python, SQL, HTML, CSS, Java, C, C++, JavaScript, OCaml
Tools Git, Apache Airflow, AWS(S3, EC2, Lambda), Dimensional Modeling, DNS Management(Cloudflare)
Systems Linux(Ubuntu, WSL), Windows

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

Projects

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

- Created a local one-time historic ETL pipeline storing music listening data from Last.fm API
- The data is staged as a star schema model following Kimball's dimensional modeling guide
- Used Apache Airflow to create DAGs to schedule ETL scripts

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.

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**, *Collegiate E-Sports*.

Languages

Native **English, Korean**
Limited **Japanese**
Elementary **Spanish**