# Sungjun Lee

Seongnam-si, South Korea / +82 10-4752-2574 / sungjunlee127@gmail.com

## Work Experience

**NAVER**, South Korea – *Software Engineer*

*Software Engineer Intern, December 2017 – February 2018*
*Software Engineer, March 2018 – Present*

Built data pipeline of products from feeding to processing for expose to search engine in shopping platform.

- Reduced process time by 83% by restructuring review count feeding pipeline using coroutines.
- Decreased overall process time by 65% and ensured fault-tolerance by restructuring sale index feeding pipeline from on-premises batch architecture to stream based MSA on Kubernetes and adding auto retry feature.
- Increased feeding products by 40% and reduced process time by 80% by restructuring related products feeding pipeline for better performance.
- Reduced customer inquiry response time by 50% by leading internal validation tool renovation project as a mentor for internship.
- Improved real-time performance and reduced process delay by 50% by redeveloping review data process platform from on-premises monolithic batch architecture to stream based MSA on Kubernetes
- Managed products feeding data pipelines which process over 1 billion of products from hundreds of thousands of malls.
- Reduce customer and on-call duty employee's inquiry response time by 50% by building and managing integrated monitoring system using Elastic Stack consist of 95 nodes in 5 clusters and stored 40B+ documents in total.

## Activities

- Wrote an article on D2, the official blog of NAVER Corp, "Build data monitoring system using Elastic Stack and Lambda" (Available at https://d2.naver.com/helloworld/9878588)
- Gave a speech "Apply Kubernetes auto scaling by detecting Kafka lags" in NAVER Engineering Day 2019, the internal tech sharing event.

## Education

- **Kookmin University**, South Korea - *B.S. Computer Science, GPA 3.74 / 4.5*

## Technical skills

- Languages / Technologies: Java, Kotlin, Python, SQL, Linux, Elasticsearch, PostgreSQL, Oracle, Spring, Hadoop, Kubernetes, Docker, Kafka, Jenkins, Airflow, Kibana, Logstash, Git