

EDUCATION

Korea Advanced Institute of Science and Technology (KAIST)

Candidate for B.S. in Computer Science, Double Major in Mathematics

Daejeon, Korea

Feb. 2019 – Current

ACHIEVEMENTS

- 9th place, **2022 Google Hash Code World Finals**, Google Apr. 2022
- 5th place (by ICPC rules), **2020 ICPC Seoul Regional Contest**, ACM Nov. 2020
- 5th place award, **Samsung Collegiate Programming Cup (SCPC) 2020**, Samsung Electronics Nov. 2020
- Participant, **2020 Google Code Jam Round 3**, Google Jun. 2020
- Silver award, **Korea Olympiad in Informatics**, National Information Society Agency Aug. 2018

WORK EXPERIENCE

Chai Corporation

Software Engineer

Seoul, Korea

Apr. 2022 – Current

- Developed and maintained the console and the back-office of Iamport service
- Automated the application process for linking with payment gateway companies
- Designed and implemented the server of Chai Drop shopping mall
- Related Skills: Kotlin, Ktor, gRPC, Protobuf, PostgreSQL, Node.js, TypeScript, TypeORM, GraphQL

Sendbird

Software Engineer

Seoul, Korea

Aug. 2021 – Mar. 2022

- Extended and maintained the chat server with 200M+ MAU by adding features and handling incidents
- Related Skills: Python, DataDog, AWS, Athena, Spinnaker, Django

Moloco

Software Engineering Intern & Software Engineer

Seoul, Korea

Dec. 2020 – Jul. 2021

- Attached various types of A/B testing in Moloco's backend infrastructure handling 2M+ bid requests/s
- Created a new microservice for managing experiments with the dashboard
- Developed a tool for managing the configuration of experiments and deploying experiments
- Designed and implemented a tool for monitoring experiments
- Related Skills: Go, gRPC, Protobuf, JavaScript, ReactJS, Redux, DataDog, BigQuery

NAVER

Software Engineering Intern

Seongnam, Korea

Jan. 2020 – Feb. 2020

- Developed a model for determining whether to index a document in the search engine
- Improved the performance by over 200% compared to the existing method
- Related Skills: Python, Hadoop MapReduce, LightGBM

SKILLS

- **Programming Languages:** Python, Go, Kotlin, C/C++, TypeScript, JavaScript, \LaTeX
- **Tools:** gRPC/Protobuf, Node.js, NestJS, TypeORM, Ktor, BigQuery
- **Languages:** Korean(Native), English(Fluent)