

Jongseo Lee

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EDUCATION

Korea Advanced Institute of Science and Technology (KAIST) <i>Candidate for B.S. in Computer Science, Double Major in Mathematics</i>	South Korea 2019 – Present
Korea Science Academy of KAIST <i>High School Diploma, Graduated with honors in Computer Science Department</i>	South Korea 2016 – 2019

AWARDS

• 9th Place, Google Hash Code World Finals	2022
• 5th Place (by ICPC rules), ICPC Asia Seoul Regional Contest	2020
• Silver Medal, Korea Olympiad in Informatics	2018

EMPLOYMENTS

Moloco, Inc. <i>Software Engineer</i> <i>Software Engineering Intern</i>	South Korea 2023 – Present 2020 – 2021
• Built an unified configuration management system utilized across whole company, supporting real-time configuration distribution among 10k+ servers	
• Developed a platform to run multiple versions of a complex bidding system in hermetic mode to analyze changes in overall behaviors (at the PR level)	
• Improved the reliability of the system by improving bottlenecked features	
• Developed a new microservice for conducting/managing randomized controlled trials efficiently	
Chai X <i>Software Engineer</i>	South Korea 2022 – 2023
• Developed and maintained the console and the back-office of the payment product	
Sendbird, Inc. <i>Server Platform Software Engineer</i>	South Korea 2021 – 2022
• Developed various features of the chat server including scheduled message, etc.	
• Re-implemented bottlenecked features to improve the overall reliability	
NAVER Corp. <i>Software Engineering Intern</i>	South Korea 2020
• Developed a component for determining whether to index a document in the search engine based on ML	
• Improved the performance by over 2x compared to the existing method	

OTHER EXPERIENCE

Student Research Internship <i>Yonsei University Combinatorial Optimization Laboratory</i>	South Korea 2022 – Present
• Topic: LP-based approximation algorithms for variants of TSP	
• Advisor: Prof. Hyung-Chan An	
Korea Olympiad in Informatics <i>Problem Setter & Tester</i>	South Korea 2021 – Present
• Set and tested problems for Korea Olympiad in Informatics	
• Did front-end programming to implement interactive algorithmic problems	
Korean IOI Training Camp <i>Student Coach</i>	South Korea 2021
• Taught South Korean team candidates preparing for International Olympiad in Informatics	
• Prepared problems and test cases for the training session	

SKILLS

- Programming Languages: Go, Python, C/C++, Kotlin, SQL, TypeScript, JavaScript, L^AT_EX
- Language: Korean (Native), English (Fluent)