

## EXPERIENCE

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- **Coupang** Seoul, South Korea  
*Software Engineer* *Sep 2024 – Present*
  - **Working in Pricing Dept.:** Processed billions of data rows to increase GMV.
- **Bucketplace** Seoul, South Korea  
*Software Engineer* *Jan 2024 – Sep 2024*
  - **Developed a search algorithm for modules:** To improve the development cycle, I developed an algorithm to filter out unaffected modules from many modules, resulting in an 8x reduction in build time.
  - **Made and maintained many features using A/B Testing:** I collaborated with a product owner and designers to significantly improve a business metric, leading to a 300% increase in the OMTM compared to the time before I joined the team.
  - **Enhanced issue processing solutions:** To reduce error counts, I created an overview system dashboard, which reduced critical error counts to almost zero. Additionally, I participated in incident report meetings to address company-wide issues.
- **HYPERCONNECT** Seoul, South Korea  
*Software Engineer* *Nov 2022 – Jan 2024*
  - **Implemented a CQRS system:** To fix the degraded production database, I implemented a CQRS system to handle a large dataset of around 200 million records.
  - **Implemented features and API:** To provide technological expertise to the companies under Match Group, my team concentrated on developing features and implementing APIs.
- **CREMA** Seoul, South Korea  
*Tech Lead & Manager* *Jun 2022 – Nov 2022*
  - **Automated widget installations:** To address a bottleneck in the business process for approximately 8,000 clients including inactive clients, I led my team in developing an automation service using specialized algorithms.  
*Software Engineer* *Nov 2018 - Jun 2022*
  - **Developed and maintained review widgets:** I developed a main feature of the company.
  - **Replaced a legacy payment system:** For boosting revenue, a payment system must be replaced with a new one. Then I developed a new payment system including migration to provide a new payment system for a few thousands clients.
  - **Developed recommendation widgets:** To boost clients' revenue, recommendation widgets were needed for end-users. I developed these widgets in collaboration with the data science team.
- **Nurigo** Seoul, South Korea  
*Software Engineer* *Dec 2017 - Oct 2018*
  - **Migrated all legacy services:** I Participated in migrating project for all legacy services.

## HONORS & AWARDS

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- **Software Development Hackathon**
  - [1st prize] 15th AppJam Issued by Seoul Digital Foundation - Mar 2018
  - [3rd prize] 14th AppJam Issued by Seoul Digital Foundation - Dec 2017
- **Algorithm Contest**
  - [1st prize] 1st Algorithm Contest - Issued by Semyeong Computer High School - Nov 2016
  - [Special prize] 3rd Algorithm Contest - Issued by Nexon - Aug 2018
  - [5th prize] 3rd Algorithm Contest - Issued by Kookmin University. Aug 2018
- **Software Development Contest**
  - [3rd prize] Smarteen App Challenge 2017 - Issued by SK techx - Nov 2017

## CONTRIBUTIONS

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- Spring Projects
- Rails
- Refined Github
- Oj
- Connect Mongo

## EDUCATION

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- **Kookmin University**

*Bachelor of Science in Computer Science; Major GPA: 3.69*

Seoul, South Korea

*Drop-out*