

# Kyuwook Chai

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## RESEARCH INTERESTS

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Networks, data-driven decision making, bandit algorithms, combinatorial optimization, technology and innovation, machine learning and their applications in business and management.

## EDUCATION

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**Seoul National University, Seoul, South Korea** **Mar. 2020 - Present**  
M.S. student in Data Science  
Advisor: Sang Kyun Cha  
Student vice-president during Mar. 2020- Feb. 2021

**Seoul National University, Seoul, South Korea** **2012**  
B.S in Physic & Statistics (Double Major)  
Cum Laude (Department Rank: 2/23)

## TEACHING EXPERIENCE

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**Seoul National University, Seoul, South Korea**  
**Teaching Assistant**  
Big Data, AI, and Innovation IV **Fall 2021**  
Big Data, AI, and Innovation III **Spring 2021**  
Data Science Bootcamp **Winter 2021**

## WORK EXPERIENCE

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**Haean Patent & Law Firm, Seoul, South Korea** **2019 - Present**  
**Patent Attorney, Partner**  
Patent strategy consulting for small and medium-sized enterprises. Technology valuation reports for credit rating agencies. Government projects for protecting Korean IP in foreign countries.

**Daram Intellectual Property Law, Seoul, South Korea** **2018 - 2019**  
**Patent Attorney**  
Patent prosecution. Technical reports for research institutes.

**Aircolor (Startup), Seoul, South Korea** **2016 - 2018**  
**Founder**  
Worldwide air quality monitoring application.

**FirstLaw P.C., Seoul, South Korea** **2015 - 2016**  
**Patent Attorney, Associate**  
Patent prosecution for Korean and Japanese clients applying to the US or Europe. Design rights prosecution and litigation.

**YOU ME Patent & Law Firm, Seoul, South Korea** **2014 - 2015**  
**Patent Attorney, Associate**  
Trademark investigation and prosecution. Domain name dispute resolution. Design rights prosecution.

GRANTS, AWARDS & SCHOLARSHIPS

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**Department Scholarship** **2021**  
*Graduate School of Data Science, Seoul National University*

**National Science and Engineering Undergraduate Scholarship** **2006 - 2011**  
*Korea Student Aid Foundation (KOSAF)*  
Full-tuition for eight semesters of undergraduate study.

MEMBERSHIP

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The Korean Patent Attorneys Association (KPPA)  
The Korean Statistical Society (KSS)

PROGRAMMING SKILLS

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**Languages:** Python, R, C, SQL, Cypher, Prolog, Javascript  
**Technologies:** AWS, Neo4j, Ionic, HTML, CSS