# Kyuwook Chai

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## RESEARCH INTERESTS

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

## EDUCATION

**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

**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

**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

**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

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

## PROGRAMMING SKILLS

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