

Kyuwook Chai

*Graduate School of Data Science, Seoul National University
1 Gwanak-ro, Gwanak-gu, Seoul, South Korea, 08826
kwchai@snu.ac.kr — <https://sites.google.com/view/kwchai>*

RESEARCH INTERESTS

Data-driven decision making, sequential decision making under uncertainty, reinforcement learning, bandit algorithms, network data, data integration, machine learning and its 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
Data Science Bootcamp **Winter 2021**
Big Data, AI, and Innovation III **Spring 2021**

WORK EXPERIENCE

Haeon 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, Partner
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.

26th Mechanized Infantry Division of ROK, Yangju, South Korea **2009 - 2011**
Administrative Specialist
Served as secretary of division commander (2 star). Honorably discharged as sergeant.

GRANTS, AWARDS & SCHOLARSHIPS

Startup Boosting Grant: Level I**Oct. 2017*****Granting Body: Creative Factory, Seoul National University***

Funding for boosting startup Aircolor.

National Science and Engineering Undergraduate Scholarship**2006 - 2011*****Scholarship Body: Korea Student Aid Foundation (KOSAF)***

Full-tuition for eight semesters of undergraduate study.

PROGRAMMING SKILLS

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