

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 , <i>Seoul, South Korea</i>	Mar. 2020 - Present
M.S. student in Data Science	
Advisor: Sang Kyun Cha	
Student vice-president during Mar. 2020- Feb. 2021	
Seoul National University , <i>Seoul, South Korea</i>	2012
B.S in Physic & Statistics (Double Major)	
Cum Laude (Department Rank: 2/23)	

TEACHING EXPERIENCE

Seoul National University , <i>Seoul, South Korea</i>	
Teaching Assistant	
Data Science Bootcamp	Winter 2021
Big Data, AI, and Innovation III	Spring 2021

WORK EXPERIENCE

Haeon Patent & Law Firm , <i>Seoul, South Korea</i>	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 , <i>Seoul, South Korea</i>	2018 - 2019
Patent Attorney, Partner	
Patent prosecution. Technical reports for research institutes.	
Aircolor (Startup) , <i>Seoul, South Korea</i>	2016 - 2018
Founder	
Worldwide air quality monitoring application.	
FirstLaw P.C. , <i>Seoul, South Korea</i>	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 , <i>Seoul, South Korea</i>	2014 - 2015
Patent Attorney, Associate	
Trademark investigation and prosecution. Domain name dispute resolution. Design rights prosecution.	
26th Division of ROK (Military Service) , <i>Yangju, South Korea</i>	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