Kyuwook Chai

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Seoul National University
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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

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, 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