

Jun, Youngsang

Philadelphia, PA, U.S.

[LinkedIn](#) | [GitHub](#) | [Portfolio](#)

Last Update: January 27, 2025

Research Interests: I am interested in the application and integration of Geospatial Information in the military field. I am also interested in address, geocoding, and wayfinding systems that utilize mobile maps.

PROFESSIONAL EXPERIENCE

Ministry of National Defense, Republic of Korea (ROK MND)

- **Deputy Director*** Aug. 2024–present
 - Long-term Overseas Training Program for Young Civil Servants for 2024-2026
 - * A Deputy Director (Grade 5 State Public Official) in the ROK government corresponds to GS-13 to 14 in the U.S. in terms of work authority and treatment.
- **Deputy Director**, Fiscal Programming Division Feb. 2023–Jul. 2024
 - Developed the FY 2025-2029 Future Year Defense Program (FYDP) for the Information and Communication Technology (ICT) and Military Installations Construction and Operation of ROK MND and individual service branches (\$4.5 billion per year)
 - Formulated the FY 2024 budget for the ICT of ROK MND and individual service branches (\$584 million) and coordinated budget acquisition with Ministry of Economy and Finance, National Assembly, etc.
- **Deputy Director**, Disaster and Safety Management Division Feb. 2022–Feb. 2023
 - Inspected the occupational safety and health status of 33 military units under the direct control of the Minister of National Defense every six months
 - Proposed policy-level improvements concerning occupational safety and health status of working members in military to the Minister of National Defense
- **Deputy Director**, Military Air Base Relocation Coordination Division Jan. 2019–Feb. 2022
 - Established a plan to relocate the U.S. facilities and areas within ROK Military Air Base, cooperating with U.S. Forces Korea through the consultation channel under the ROK-U.S. Status of Forces Agreement (SOFA) Joint Committee
 - Drafted an international agreement and implementation agreements that stipulate the basic principles of and detailed procedures for master planning, design, construction, and relocation for the new Air Base

Seoul Metropolitan Government, Republic of Korea

Sep. 2018–Jan. 2019

- **Deputy Director**, Urban Management Division
 - Assisted in developing the District Units Plan in Seoul Metropolitan City
 - Researched ways to efficiently manage the building use in Seoul Metropolitan City

EDUCATION

University of Pennsylvania

Philadelphia, PA, U.S.

Master of Urban Spatial Analytics

Aug. 2024–May 2025 (expected)

Seoul National University

Seoul, Republic of Korea

Master of Public Administration

Sep. 2018–Feb. 2021

- Thesis: A Study on the Factors of Occurrence of Time Difference of Experience for a Transferred Policy, focusing on Address Policy in Republic of Korea. Online at: <https://s-space.snu.ac.kr/handle/10371/176254>
- GPA: 3.57/4.30

Seoul National University

Seoul, Republic of Korea

Bachelor of Science in Civil and Environmental Engineering

Mar. 2009–Feb. 2018

- Took classes specifically related to GIS, including Introduction to Geospatial Engineering, Spatial Information System, Design of GIS Application Systems, Remote Sensing, and Advanced GIS
- GPA: 3.71/4.30 (Cum laude)

HONORS AND AWARDS

Awards

- **Ministerial Commendation**, Minister of National Defense, ROK Jan. 2021
 - For exceptional work regarding the Military Air Base Relocation Project
- **Ministerial Commendation**, Minister of the Interior, ROK Feb. 2017
 - For exceptional work regarding the Road Name Address Policy
- **Army Achievement Medal**, Secretary of the Army, U.S. Jul. 2013
 - For exceptionally meritorious service as a local area network manager in 2nd Battalion, 9th Infantry Regiment
 - Signed by: LTC Creamer, S.
- **The First Prize**, Road Name Address PR Challenge, Ministry of the Interior (ROK MOI) Nov. 2011
 - Issued by the Minister of the Interior, Republic of Korea (\$1,538); reported in the newspaper
 - Team members: **Jun, Y.**, Park, J., Kim, D., and Kim, J.

Scholarships

- **Academic Excellence Scholarship (merit-based)**: Four fully-funded semesters and five partially-funded semesters from 2009 to 2021, by Seoul National University

ADDITIONAL INFORMATION

Judge: Beautiful Building Number Plate Design Competition Award, ROK MOI Mar. 2017

Volunteer: The Second Road Name Address Supporters Activity, ROK MOI Jun. 2016–Jun. 2018

- Promoted the detailed principle of road name addresses to Koreans by posting online, and consulting with people who have difficulty using road name addresses.

Military Service (mandatory): 2nd Infantry Division, United States Forces Korea Dec. 2011–Sep. 2013

- Served as a Sergeant of Korean Augmentation to the U.S. Army (KATUSA), an Information Technology Specialist (25B), in 2nd Battalion, 9th Infantry Regiment

Member: Trilateral Student Activity* Aug. 2011

* *Partnership among the civil engineering departments of Seoul National University, University of Tokyo, and National Taiwan University*

Early Graduation from High School: Hansung Science High School, Seoul, Republic of Korea Feb. 2009

SKILLS

Languages: English (*advanced*), Mandarin (*basic*), Korean (*native*)

Licenses

- Engineer Surveying Geospatial Information May 2013
 - Issued by Human Resources Development Service of Korea
- Computer Specialist in Spreadsheet and Database 1st class Sep. 2011
 - Issued by Korea Chamber of Commerce and Industry

Experience using: R, JavaScript, Python, ArcGIS, QGIS, Google Earth Engine, Google Cloud, MATLAB, SPSS, STATA, & SAS