

# Jun, Youngsang

Philadelphia, PA, U.S.

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**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.

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## 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

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## 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>
- Graduated with a GPA of 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
  - Graduated with a GPA of 3.71/4.30 (5<sup>th</sup> out of 41 graduating students in the department)
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**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 2<sup>nd</sup> Battalion, 9<sup>th</sup> 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
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**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 2<sup>nd</sup> Battalion, 9<sup>th</sup> 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 of High School:** Hansung Science High School, Seoul, Republic of Korea Feb. 2009

- Completed a three-year high school curriculum in two years and participated in various science-related activities
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**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 1<sup>st</sup> 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