

# Jun, Youngsang

Washington, District of Columbia, United States

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

Last Update: June 1, 2025

---

**Research Interests:** My research focuses on applying and integrating geospatial information in the defense sector. I am also interested in street address systems, geocoding, and wayfinding that utilize mobile maps.

---

## PROFESSIONAL EXPERIENCE

### New Lines Institute for Strategy and Policy

- **Non-resident Fellow** May 2025–present
  - Conducted research on the application of geospatial information in the military domain
  - Provided spatial analytical support and visualization for forecast reports and simulations related to ROK and the Indo-Pacific region

### 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 is equivalent to GS-13 to 14 in the U.S. based on 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 its individual service branches (\$4.5 billion per year)
  - Formulated the FY 2024 budget for the ICT within the ROK MND and individual service branches (\$584 million) and coordinated budget acquisition with the Ministry of Economy and Finance, the National Assembly, and other relevant entities
- **Deputy Director**, Disaster and Safety Management Division Feb 2022–Feb 2023
  - Conducted the inspections of 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 regarding the occupational safety and health status of working members in the military to the Minister of National Defense
- **Deputy Director**, Military Air Base Relocation Coordination Division Jan 2019–Feb 2022
  - Established a plan to relocate U.S. facilities and areas within the ROK Military Air Base, cooperating with U.S. Forces Korea through the consultation channel established under the ROK-U.S. Status of Forces Agreement (SOFA) Joint Committee
  - Drafted an international agreement and implementation agreements that stipulate the fundamental 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

#### Master of Urban Spatial Analytics

- GPA: 3.89/4.00

Philadelphia, Pennsylvania, United States

Aug 2024–May 2025

**Seoul National University**  
**Master of Public Administration**

Seoul, Republic of Korea  
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**  
**Bachelor of Science in Civil and Environmental Engineering**

Seoul, Republic of Korea  
Mar 2009–Feb 2018

- 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 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

---

**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 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 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