

Songah Seo

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61-12 Sinseongnam-ro | Yuseong-gu | Daejeon, S. Korea

Education

Hongik University, BS in Electronic Engineering Sept 2021 – May 2025

- GPA: 3.9/4.5
- **Coursework:** Embedded System, Future Mobility

Experience

Software Engineer Intern, ETRI – Daejeon, South Korea Jan 2025 - Feb 2025

- Programming with Python
- Robot manipulation data collection

Patent

SMART FARM AUTONOMOUS MOBILE ROBOT Dec 2024

Songah Seo, Dabin Kim, Jongyu Baek, Taeyoon Jeong, Euipyo Han

Korea Patent Application No. 10-20204-0180652

Projects

Urban Smart Farm Autonomous Mobile Robot 2024

- Developed an Autonomous Collaborative Robot Assisting Workers in an Urban Smart Farm
- Tools Used: C, Python, ROS2, Fusion360

Four-Wheel Independent Control ADAS Mobility 2024

- Developed an Four-Wheel Independent Control ADAS Mobility
- Tools Used: C, Microchip Studio

Autonomous Smart Robot Used in Libraries 2024

- Developed a Smart Robot for Guiding Book Locations and Autonomous Book Inspection in Libraries
- Tools Used: C, Python, Fusion360

Indoor Delivery Robot 2023

- Developed a Delivery Robot Performing Food Delivery Missions on a Defined Route
- Tools Used: C, Fusion360

Future Mobility Metaverse Virtual Campus 2023

- Developed Metaverse Virtual Campus Content Accessible through VR Devices
- Tools Used: Unity, C, Blender

Skills

Languages: C, VHDL, Python

Technologies: Fision 360, Pspice, ROS2

Certifications: Opic(English) IM2