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| **Shin Hyeonhak**    **CONTACT**  **Address:**  1326, Jangdeok-dong, Gwangju, South Korea  **Phone:**  +82) 10 5687 0661  **Email:**  [imur.navigator@gmail.com](mailto:imur.navigator@gmail.com)  **Github:**  [https://github.com/ Carpediem324](https://github.com/Carpediem324)  **LANGUAGES**  Korean – Native  English – Business Level |  | **OBJECTIVE**  To leverage my expertise in C++, Python, and robotics to develop reliable and efficient software systems, thereby contributing to the advancement of autonomous driving.  **WORK EXPERIENCE**  01/2024 - 06/2024  Research Intern,  Korea Atomic Energy Research Institute (KAERI), Daejeon, Korea  Responsibilities:   * Built a data visualization panel for robot operations * Used Isaac Sim to test and evaluate 3D SLAM open-source software * Conducted extreme-environment experiments with a Unitree Go1 quadruped robot to improve SLAM performance   07/2022  Administrative Intern,  Yeosu City Hall, Yeosu, Korea  Responsibilities:   * Sorted and recorded incoming mail with attention to detail * Assisted citizens with inquiries, providing polite and efficient support   **EDUCATION**  2018 - 2024  Bachelor Degree of Computer Science,  Korea University of Technology and Education (KOREATECH)  2015 - 2018  High School Diploma,  Yeocheon High School, Yeosu, Korea  **Academic Awards / Achievements**  **•** Grand Prize in the Unmanned Mobility Category at the 2023 University Creative Mobility Competition  (Awarded by the Ministry of Land, Infrastructure and Transport)    • Excellence Award in the Embedded Robotics Track at the Samsung Youth Software Academy  (Recognized by Samsung Electronics)  **ADDITIONAL SKILLS**  Programming Languages: C++, Python, JavaScript  Web Technologies: HTML, CSS, Node.js  Robotics: ROS, ROS2 |

**PROJECTS**

Programming Languages: C++, Python, JavaScript

Web Technologies: HTML, CSS, Node.js

Robotics: ROS, ROS2

1. 대학생창작모빌리티경진대회

인원 : 12

2. 나노 소어 라인 트레이싱

인원 : 3

3. 원자력연구원 우주탐사로버 패널제작

인원 : 1

4. 원자력연구원 극한환경 실내 SLAM 성능 평가 및 개선.

2D 방사선 지도작성

인원 : 3

5. STT기반 모의면접 웹사이트 개발

인원 : 4

6. RAG기반 챗봇 서비스 개발 및 배포  
인원 : 4

7. 두봇활용 프로젝트

인원 : 2