

# DaeBeom Kim

B.S. Student

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When I was young, I was curious about autonomous driving technology through a developer conference. This curiosity led to interest in autonomous driving and robotics, and entered Kookmin University. And the interest became passionate to have a new experience, not just a theory of major.

I always want to learn and create new things. Constant efforts to do this best express me.



## Interests

- SLAM
- Optimization based SLAM
- Sensor Fusion

## Skills

- Autonomous Vehicle & Robotics
- ROS, C++, Python
- Tensorflow



## Education

**Mar 2017 -  
Current**

### **BBA: Department of Automobile And IT Convergence**

*Kookmin University – Seoul*

- **GPA : 4.07 / 4.5, Major GPA : 4.23 / 4.5**

#### **- Activity**

- *KUUVe (Kookmin University Unmanned Vehicle) Navigation Team Leader , (Jun. 2020 ~ Dec. 2021)*

: Localization, HDmap (JOSM, global path generation), PathPlanning(A\*, RRT\*...), Control, Simulator

#### **- Honors**

- College Scholarship, Kookmin University, Korea (Jan. 2021)
- College Scholarship, Kookmin University, Korea (Jul. 2021)
- College Scholarship, Kookmin University, Korea (Jan. 2022)
- Academic Scholarship (GPA : 4.5/4.5), Kookmin University, Korea (Jan. 2022)
- Future Mobility Scholarship, Kookmin University, Korea (Feb. 2022)



## Work History

**Jan 2022 -  
Current**

### **Internship Student**

*KAIST Urban Robotics Lab, Daejeon, Yuseong-gu*

- LIG project Internship student
- Implementation / Performance improvement of SLAM
- Studying base of SLAM (mathematics, probabilistic robotics etc.)



## Participation Activities

- **2020 국민대 자율주행 경진대회**, 자이트론(Xytron) (Aug. 2020)
- **2020 국제 대학생 창작 자동차 경진대회 자율주행 부문**, 한국교통안전공단(KOTSA) & 한국자동차안전학회(KASA), (Nov. 2020)
- **2021 국제 대학생 창작 자동차 경진대회 자율주행 부문**, 한국교통안전공단(KOTSA) & 한국자동차안전학회(KASA), (Nov. 2021)
- **2021 한이음 ICT 공모전 :: ATEx(아파트 지능형 택배 모빌리티)**, IITP(정보통신기획평가원) & FKII(한국정보산업연합회) (Dec. 2021)



## Awards

- **2021 국제 대학생 창작 자동차 경진대회 자율주행 부문 장려상 (자동차안전공단 이사장상)**, KOTSA(한국교통안전공단), KASA(한국자동차안전학회), Korea (Nov. 2021)
- **2021 한이음 ICT 공모전 금상 (과학기술정보통신부 장관상)**, IITP(정보통신기획평가원), FKII(한국정보산업연합회), Korea (Dec. 2021)