

# Hyunjin Choi

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## Education

### M.S. in Department of AI Convergence

*Sep 2025 - Present*

*Gwangju Institute of Science and Technology, Gwangju, Republic of Korea*

Human-Centered Intelligent Systems (HCIS) Lab – Prof. SeungJun Kim

### B.S. in Department of Internet of Things

*Mar 2021 - Feb 2025*

*Soonchunhyang University, Asan, Republic of Korea*

Ubiquitous Computing (UBICOMP) Lab – Prof. Jaeseok Yun

GPA 4.4/4.5

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## Professional Experience

### Research Intern

*Feb 2025 - Present*

*Human-Centered Intelligent Systems (HCIS) Lab, GIST*

Advisor: Prof. SeungJun Kim

### Research Intern

*Jan 2024 - Dec 2024*

*Ubiquitous Computing (UBICOMP) Lab, SCH Univ.*

Advisor: Prof. Jaeseok Yun

### Google Machine Learning Bootcamp

*Jul 2024 - Sep 2024*

*Certificated*

- Deep Learning
- Gemma Project, Kaggle Competitions

### Google Developer Student Club (GDSC)

*Sep 2021 – Jul 2023*

*Certificated*

- Machine Learning, Flutter
- 3rd, 4th Member

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## Publications

- **Particular Matter Estimation at virtual station using air quality collection IoT Device**  
*Hyunjin Choi, Chanyoung Park, Minji An, Hyohoon Kim, Jaeseok Yun*  
Proceedings of the Korea Computer Congress (한국정보과학회 한국컴퓨터종합학술대회)
- **A LoRa-based IoT Monitoring System for Enhancing the Safety of Construction Site Workers**  
*Hyunjin Choi, Nahyun Kim, Hyeji Park, Dongmin Kim*  
Proceedings of the Korean Institute of Communications and Information Science (한국통신학회 하계종합학술발표회)
- **A Study on Smart Safety Harness using a Magnetic Field Detection Sensor**  
*Hyeji Park, Nahyun Kim, Hyunjin Choi, Dongmin Kim*  
Proceedings of the Korean Institute of Communications and Information Science (한국통신학회 하계종합학술발표회)

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## Honors and Awards

### Academic Excellence Scholarship

*Spring 2021, Fall 2021, Spring 2022,  
Fall 2022, Spring 2023*

### College Special Scholarship (Activity)

*Spring 2021*

### AI•SW Week Algorithm Competition

Grand Prize (1<sup>st</sup> Prize)

*Nov 2021*

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## Skills

- Programming: Python, TypeScript, JavaScript, C, C++, Java, HTML/CSS
- Deep Learning: Pytorch, TensorFlow
- Arduino, Raspberry Pi, Jetson Nano
- ROS, Unity, React