# Taeyoon Kim

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**In** Taeyoon Kim ∣ **Q** taeraemon ∣

Seoul, Republic of Korea

#### EXPERIENCE

Perigee Aerospace [ ]

Feb 2023 - Jan 2024

Engineer, Flight Control Team (Dynamics & Control)

Daejeon, South Korea

• BW0.4 avionics firmware & RF development

#### **EDUCATION**

Seoul National University

Mar. 2024 - Present

M.S. in Intelligent Aerospace Systems (Interdisciplinary Program)

Seoul, South Korea

∘ GPA: X.X/4.5

Kwangwoon University

*Mar.* 2019 – Feb. 2023 Seoul, South Korea

B.S. in Electronic and Communications Engineering

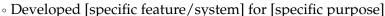
• GPA: 3.61/4.5

## Projects

## • Project A: [Brief Description]

Month Year - Month Year

Tools: [List of tools and technologies used]



- Implemented [specific technology] for [specific goal], achieving [specific result]
- Created [specific component], ensuring [specific benefit]
- Applied [specific method] to analyze [specific aspect]

### Project B: [Brief Description]

Month Year

Tools: [List of tools and technologies used]

- Developed [specific model/system], achieving [specific metric]
- Implemented [specific feature], processing [specific volume] of data
- Created [specific visualization] for [specific purpose]
- Developed [specific component] for easy integration with [specific system]

### PATENTS AND PUBLICATIONS

C=CONFERENCE, J=JOURNAL, P=PATENT, S=IN SUBMISSION, T=THESIS

- [S.1] Your Name, et al. (Year). Title of Submitted Paper. Manuscript submitted for publication in *Journal Name*.
- [P.1] Inventor 1, Your Name, Inventor 3, et al. (Year). **Title of Patent**. Patent Office, Patent No. XXXXXXXXX. Registration Date: Date, Grant Date: Date, Publication Date: Date.

#### **SKILLS**

- Programming Languages: C, C++, Python, MATLAB, Simulink, Verilog, Assembly
- Libraries: ROS1, ROS2, PyTorch, PyQt
- Embedded Systems: STM32, Altera, Arduino
- Hardware design: EasyEDA, KiCad, Altium, Orcad(Virtuoso, Hspice, Capture, PSpice), Inventor
- Simulation: Gazebo, Unity



## **HONORS AND AWARDS**

• Grand Prize - 22nd Korea Robot Aircraft Competition (AAM Tech Challenge)

Oct 2024

Ministry of Trade, Industry and Energy (MOTIE), Republic of Korea

• Awarded the **grand prize** as a member of the SNU team "Bulnabi" for outstanding performance in UAV development and innovation.

## **CERTIFICATIONS**

• Class 3 Amateur Radio Operator (Morse Code)

Jun 2020

### **REFERENCES**

## 1. Chan Gook Park

Professor, Department of Aerospace Engineering

Seoul National University Email: chanpark@snu.ac.kr Phone: +82-2-880-7308

Relationship: Advisor during M.S. program