

# Hyun Seong Kim

## Curriculum Vitae

### Personal Information

Date of Birth *Oct 10th, 1999*  
Gender *Male*  
Nationality *Korea, Republic of*  
Homepage <https://hyunseong-kim.github.io/>  
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### Education

2019–Present **Bachelor of Physics**, *School of Physics and Photonics, Gwangju Institute of Science and Technology(GIST), Gwangju.*  
CPA: 3.86 - Grade: Distinction                      Highest GPA: 4.1  
2008–2011 **High School Education**, *High school attached to school of education of Hanyang University, Seoul.*

### Experience

#### Developer

2021 **Developer**, *Quantum information Lab, Hanyang university, Seoul.*  
Project: Quantum computer and infomatics handbook, document converting program development and wiki server environment setting. Finished.  
12/2020– **Intern**, *Bioinformatics Lab, GIST., Gwangju.*  
8/2021 Working as a part-time developer. Detail:  
o Learned about data processing for large scale data, communication between server and automatic system.  
o Project: Development of preprocessed data for machine learning model indicates side effects of chemical compounds. Finished.  
2019 **Developer**, *Makerton (GIST 2019).*  
Mobility unified black-box system using IOT

#### Education

2021 **Teaching Assistant**, *Gwangju Insitute of Science and Technology, Gwangju, GS1001*  
Single Variable Calculus and application

#### Miscellaneous

1/2021– **Translator, (Englisht -> Korean)** *Wolfram Inc,*  
8/2021 *Wolfram U team contents translation. Certification.*

2019 **Volunteer**, Junction X 2019 Hackerton  
3/2019 **Reviewer**, Ikarus 2020 mock exam of high school physics II reviewer

## Skills & Background Knowledge

### Computer skills

Basic Javascript, HTML, CSS  
Intermediate Wolfram Language, C, python,  $\LaTeX$ , Linux

### Physics

Have a good ability in ideas presentation/explanation.  
Very good team-work skills.  
Friendly, sociable.  
Ability to bear under high pressure of tasks.

## Research

### Activities

Conference **Poster**  
Design methods of uniform illumination light device with LEDs: boundary center matching and distribution approximation, TPP-II-09,  
Optics and Photonics Congress 2022 ICC JEJU, (July, 2022), Optics Society of Korea

## Languages

Korean **Mother tongue**

English **Intermediate**

*Fluent in communicative and academic aspect*  
*TOEIC: 795/990 (9/2019)*

## Interests

### Research

- o Numerical Analysis.
- o Quantum Computing and information.
- o Computational Physics.

### Personal

- Bookbinding
- Science Related Documentaries
- Cooking
- Social Activities