

# Hyeong Seok Kim

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## EDUCATION

- 03.2024 – *current*     **M.S. in Engineering (TEMPEP), Seoul National University**  
⊕ Advisor: Prof. Jung-Hye Lee (D3M Lab)
- 03.2017 – 02.2024     **B.S. in Computer Software, Kwangwoon University**  
⊕ Received Scholarship for Software Excellence  
(Spring 2023, Spring 2020, Fall 2019, Fall 2018, National Program of Excellence in Software)  
⊕ Received Scholarship for Academic Excellence for 1 Semester  
(Fall 2022, Spring 2019, Fall 2018, Spring 2018)

## WORK EXPERIENCE

- 07.2023 – 08.2023     Research Intern, **Electronics and Telecommunications Research Institute (ETRI)**  
⊕ In Cyber Brain Lab  
⊕ W3C DCAT V3 based Resource Description Framework Encoder and Decoder
- 10.2022 – 01.2023     AI Develop Intern, **NEXTLab**  
⊕ In Vision Team  
⊕ Detection of Illegal highway driving vehicles using Drone (Yolo v4)
- 06.2020 – 12.2021     Served and Discharged from **ROK Army** as Signaller, Sergeant

## RESEARCH PROJECT EXPERIENCE

### Industry & Government-Funded Projects

- 07.2022 – 09.2022     **Abandoned Dogs Recommender System Using Contents-Based Recommendations**  
*funded by KAIST & Seocho-gu Office (Seocho AI College)*

### Course Projects

- 05.2022 – 06.2022     **W3C DCAT V3 based RDF generator and Knowledge Graph based RecSys**  
Personal Project in <Graduate Project>, Kwangwoon Univ.
- 05.2022 – 06.2022     **Remote File Access System Using C# Programming**  
Personal Project in <Application Software Practice>, Kwangwoon Univ.
- 03.2022 – 06.2022     **Mock Stock Trading System Using Kiwoom Open-API (C#)**  
Team Project in <Application Software Practice>, Kwangwoon Univ.

05.2022 – 06.2022	<b>File System Using C Programming</b> Personal Project in <Operating System>, Kwangwoon Univ.
05.2022 – 06.2022	<b>Data Analysis of Korean Import and Export Growth Using Python-Pandas</b> Team Project in <Big-Data Language>, Kwangwoon Univ.
04.2022 – 05.2022	<b>Einstein's Riddle Using Back-Tracking algorithm</b> Personal Project in <Algorithm>, Kwangwoon Univ.

## HONORS & AWARDS

### Awards

⊕	<b>1<sup>st</sup> Place Award</b> , Seocho AI college, Seocho-gu Office & KAIST	
⊕	<b>2<sup>nd</sup> Place Award</b> , Software Start-Up Idea Competition, Kwangwoon Univ.	09.2019
⊕	<b>3<sup>rd</sup> Place Award</b> , Start-Up Idea Competition, Kwangwoon Engineering Festival	09.2019
⊕	<b>3<sup>rd</sup> Place Award</b> , Start-Up Idea Competition, Kwangwoon & Jeonbuk Univ.	06.2019
⊕	<b>1<sup>st</sup> Place Award</b> , Engineering Design Competition, Kwangwoon Univ.	12.2018

## TEACHING EXPERIANCE

Fall 2022	Tutor, <b>UNIX Programming Class &lt;System Software&gt;</b>
Fall 2022	Tutor, <b>Algorithm Class &lt;Algorithm&gt;</b>
Fall 2022	Tutor, <b>Open-Source Class &lt;Open-Source Software&gt;</b>
Fall 2022	Tutor, <b>Java Programming Class &lt;Object-Oriented Programming&gt;</b>
Fall 2022	Tutor, <b>C Programming Class &lt;Advanced C Programming&gt;</b>
Jul 2022	Tutor, <b>C Programming Class &lt;C Programming&gt;</b>
Spring 2022	Tutor, <b>C Programming Class &lt;C Programming&gt;</b>
Spring 2022	Tutor, <b>Linux Practice Class &lt;Linux Application Practice&gt;</b>
Feb 2020	Tutor, <b>C Programming for Freshmen &lt;Computational Thinking&gt;</b>
Jul 2020	Tutor, <b>C Programming Class &lt;C Programming&gt;</b>

## LANGUAGE

**Korean (Native)**

**English (Intermediate)**

TEPS 358

### Programming Languages

**Python** (Advanced), **C** (Intermediate), **C++** (Intermediate)

## OTHER ACTIVITIES

⊕	<b>Translate Contributor for TensorFlow-KR</b> , TensorFlow Docs, GitHub	09.2019 – 12.2019
⊕	<b>Completed Starbucks Start-Up Talk Program Season 6</b> <i>funded by</i> Seoul Center for Creative Economy & Innovation	07.2019 – 08.2019

