

# Sechang Jang

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Korea Advanced Institute of Science and Technology  
School of Computing  
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## EDUCATION

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**Korea Advanced Institute of Science and Technology**

February 2025 – Present

*Master's Student at the School of Computing*

**Handong Global University**

February 2019 – February 2025

*Bachelor of Science in Artificial Intelligence Computer Science and Engineering, Summa Cum Laude  
(Total GPA: 4.3/4.5, Major GPA: 4.34/4.5)*

## Publications

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Seongbin Kim, **Sechang Jang**, Jindae Kim and Jaechang Nam, **EnCus: Customizing Search Space for Automated Program Repair**, the 18th IEEE International Conference on Software Testing, Verification and Validation (ICST 2025, Short Papers, Vision and Emerging Results), March 31 - April 4.

**Sechang Jang**, Seongbin Kim, Junhyeok Choi, Jindae Kim, and Jaechang Nam, **SPI: Similar Patch Identifier for Automated Program Repair**, Journal of KIISE, JOK, Vol. 52, No. 2, pp.152-160, 2025. 2.

**Sechang Jang**, Junhyeok Choi, Seongbin Kim, Jindae Kim, Jaechang Nam, **SPI: Similar Patch Identifier for Automated Program Repair**, Korea Computer Congress (KCC), June 26-28, Jeju (**Best paper award**)

## EXPERIENCE

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**Capstone Project:** Similar Patch Identifier for Automated Program Repair

Sep 2023 – Jun 2024

**Undergraduate research intern**

ISEL ([Intelligent Software Engineering Lab](#))

Dec 2022 – Dec 2024

**Human Resource Specialist**

142<sup>nd</sup> Military Policy Company, 94<sup>th</sup> Military Battalion, 19<sup>th</sup> Expeditionary Sustainment Command

Mar 2020 – Sep 2021

## AWARDS AND HONORS

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**Best Paper Award, Korea Computer of Congress (KCC), KIISE**

Jun 2024

**Excellent TA award**

Spring 2023, Fall 2023

**Army Achievement Medal**

Sep 2021

## **TEACHING EXPERIENCE**

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**Teaching Assistant**

Handong Global University

Programming Language Theory (Instructor: Prof. Jaechang Nam – English Section)

Fall 2024

**Teaching Assistant**

Handong Global University

Data Structure (Instructor: Prof. Jaechang Nam – Korean Section: Block Plan)

Spring 2024

**Teaching Assistant**

Handong Global University

Java Programming Language (Instructor: Prof. Jaechang Nam – Korean Section: Block Plan)

Spring 2024

**Teaching Assistant**

Handong Global University

Java Programming Language (Instructor: Prof. Jaechang Nam – Korean Section)

Fall 2023

**Teaching Assistant**

Handong Global University

Java Programming Language (Instructor: Prof. Jaechang Nam – English Section)

Spring 2023

## **SCHOLARSHIPS**

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**National Science & Technology Scholarship, from Korea Student Aid Foundation (KOSAF)**

Feb 2023 – Feb 2025

**Academic Excellence Scholarship, from Handong Global University**

Spring 2022, Fall 2022, Spring 2023, Spring 2024, Fall 2024

## **Projects**

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**Wireless Gamepad using LED Matrix and nRF52840 Development Kit**

Mar 2024 – Jun 2024

**Handong Team Meeting Archiving and Exchange Web Platform**

Mar 2024 – Jun 2024

**Advanced programming practice with low-level file system structural analysis (with GMD Soft)**

Jan 2024

## **Languages**

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### **Korean (Native)**

### **English (Proficient)**

- TOEIC: 925
- Served as Korean Augmentation To the United States Army (KATUSA): 1 year and 4 months

## **TECHNICAL SKILLS**

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### **Programming Skills**

- Java
- C/C++
- Python
- Racket
- Scala
- SQL