

# Heechan Lee, 이희찬

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## Research Interests

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- Human-AI Interaction
- Social Computing
- LLM Evaluation, AI Training Data Optimization

Through various experiences, including working at a startup and research internships, I have developed a strong interest in Human-AI Interaction, particularly in solving societal and developer community issues with AI. I am currently focused on evaluating LLM responses and optimizing data for LLM fine-tuning with human involved process.

## Education

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**Korea Advanced  
Institute of Science  
and Technology  
(KAIST)**  
2018.2. – 2025.2.

Expected Bachelor's degree in the School of Computing  
- Major: School of Computing  
- Minor: Civil and Environmental Engineering  
- GPA: 3.46 / 4.3

**Nanyang  
Technological  
University, Singapore**  
2024.1. – 2024.5.

Exchange Student (Coursework & Undergraduate Research)  
- Advised by Prof. Lee Chei Sian  
- Supported a project on the effect of digital nudging on procrastination among university-level students in an online learning environment, aiming to encourage users to fact-check LLM responses.

## Work Experience

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**Undergraduate  
Research Intern**  
2024.6. – Present

**KAIST Interaction Lab (KIXLAB)**, Daejeon, Korea  
- Advised by Prof. Juho Kim  
- Supporting the project, called EvalLM2, which conducts automatic revision of prompt and criteria based on human evaluation of LLM responses. Contributed to identifying users' challenges with the current EvalLM system, designing the user interface, and implementing new features using React.

**Frontend Developer**  
2020.12. – 2023.12.

**Selectstar Inc**, Seoul, Korea  
- Cashmission  
- In charge of web, iOS application of 'Cashmission', a crowdsourcing tool for collecting and processing AI training data.

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- Active participation in the initial planning of ‘Cashmission: Spike’, the internal network version of ‘Cashmission’. Experienced identifying user problems and finding ways to solve them effectively.
  - Momojam
    - In charge of mobile web view, iOS application of ‘Momojam’, a video calling application with character based on response created by generative AI.

## Publication

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**Digital Nudge Alerts: Fact-checking Generative AI Responses**, *Chei Sian Lee, Kok Khian Lim, Heechan Lee and Dion Hoe-Lian Goh*, The 26<sup>th</sup> International Conference on Asia-Pacific Digital Libraries (ICADL 2024), Short paper

## Extracurricular Experience

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**Senior of Frontend Team**, *Google Developer Club Student KAIST*, 2023.3. – 2024.3.

- I led the development of frontend part of project for KAIST undergraduate BAI. I contributed significantly to planning, and participated directly or indirectly in development of all functions.
- I hosted seminars about React, git, and clean codes for frontend team and tried to provide Junior with the right level of training through code review and pair programming on weekly assignments.

**38<sup>th</sup> Editor-in-Chief**, *KAIST Times*, 2018.3. – 2020.12.

- Working in the roles of manager and editor, I was able to think about and learn how to collaborate with many reporters and how to run the team in better ways.

## Grants and Awards

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**National Academic Scholarship (Science & Technology)**, Korea Student Aid Foundation, 2018 – Present

## Skills

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### Programming Language

JavaScript, TypeScript, Swift, Python

### Frontend Skills

React.js, SwiftUI

### Language Proficiency

Korean (Native), English (Limited Working Proficiency, TOEIC 915), Japanese (Basic, JLPT N3)