



# Yang, Seungwon

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## EDUCATION

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Sep 2023 - present      M.S., Computer Science and Engineering at **POSTECH**  
Feb 2019 - Aug 2023    B.S., Computer Science and Engineering at **POSTECH**

## PUBLICATIONS

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[C.1] Hyojin Ju, Jungeun Lee, **Seungwon Yang**, Jungseul Ok, and Inseok Hwang (2025). “Toward Affective Empathy via Personalized Analogy Generation: A Case Study on Microaggression”. In: ACM CHI 2025 (*Proceedings of the 2025 CHI Conference on Human Factors in Computing Systems*). [\[Video\]](#). [\[DOI\]](#). [\[PDF\]](#).

## DEMONSTRATIONS AND EXTENDED ABSTRACTS

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[D.1] Hyojin Ju, Jungeun Lee, **Seungwon Yang**, Jungseul Ok, and Inseok Hwang (2025). “Toward Affective Empathy via Personalized Analogy Generation: A Case Study on Microaggression”. In: ACM CHI 2025 Interactivity (*Extended Abstracts of the CHI Conference on Human Factors in Computing Systems*). [\[Link\]](#).

[P.1] **Seungwon Yang**, Yoon Suwon, Jeongwon Choi, and Inseok Hwang (2025). “Chameleon: A Surface-Anchored Smartphone AR Prototype with Visually Blended Mobile Display”. In: ACM UIST 2025 Poster (*Adjunct Proceedings of the 37th Annual ACM Symposium on User Interface Software and Technology*). [\[Link\]](#). [\[Video\]](#). [\[DOI\]](#). [\[PDF\]](#).

[W.1] Suwon Yoon, **Seungwon Yang**, Jeongwon Choi, Wonjeong Park, and Inseok Hwang (2025). “Chatperone: An LLM-Based Negotiable Scaffolding System for Mediating Adolescent Mobile Interactions”. In: ACM CHI 2025 Workshop. [\[DOI\]](#). [\[PDF\]](#).

## WORK EXPERIENCE

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<b>Theori</b>	Jun 2023 - Sep 2023
Web3 Security Audit Intern	

<b>PLUS</b>	2019 - 2023
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– I had studied hacking and participated in CTFs. Please refer to [HackMD](#) and [CTFtime](#).

– Here are some of my achievements:

- Finalist in CODEGATE (univ.), 2020	MINUS
- 6th place in UIUCTF, 2020	PLUS
- 8th place in Balsn CTF, 2020	PLUS
- 10th place in Balsn CTF, 2021	PLUS
- 5th place in zer0pts CTF, 2022	PLUS

## INVITED TALKS

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**Seungwon Yang** (Apr. 2025). “AR Applications for Human-Centered Accessibility and Interaction”. POSTECH-Keio Joint Workshop. Keio University (Shonan-Fujisawa Campus).

## PROJECTS

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### POSTECH OT arrangement committee

Dec 2021 — Feb 2022

- Developed [a browser game](#)

### POSTECH Online Hacking & Security Camp

Jun 2020 — Feb 2022

- Developed [a web hacking attack-and-defense platform](#)
- Organized beginner's courses on web hacking
- Taught high school students the basics of hacking and security

### Undergraduate Group Research Program

Apr 2020 — Dec 2020

- Developed [a blockchain-based payment system](#) in charge of the ICON smart contract and back-end.

## SKILLS

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Web hacking	I have several years of experience participating in various CTFs.
Web3.0	I understand how smart contracts and applications like DeFi work.
Developing software	Python / Javascript / Typescript / Swift