

Seho Kim

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Education

2016.08– **B.S. in Computer Science**,
2022.05 *Brandeis University, Magna Cum Laude.*

Work Experience

2022.08– **Associate Engineer**,
2025.05 *Samsung Research America, Standards and Mobility Innovation Lab(SRA-SMI Lab).*

Publications

* Authors equally contributed to the work

1. Doyoon Kim, Hao Chen, Joonhyun Lee, Yuhyun An, Hao Hsuan Chang, **Seho Kim**, Jonghyun Park, Seungman Yang, Hyoeun Bae, Eunyeon Joo, "1121 Multi-sensor Fusion Approach for Sleep Stage Analysis: A Non-contact Sensor Study", *Sleep*, Volume 47, Issue Supplement_1, May 2024. <https://doi.org/10.1093/sleep/zsae067.01121>

Patents

- Nov. 2024 **Ambient snore detection on iot devices with microphones**, *Wei Sun, Hao Hsuan Chang, Se Ho Kim, Hao Chen, Doyoon Kim, Taeyong Song, Joonhyun Lee / US WO2025105904A1.*
- Oct. 2024 **Sleep detection with multiple sensors**, *Lianjun Li, Hao Chen, Hao Hsuan Chang, Se Ho Kim, Doyoon Kim, Joonhyun Lee / US20240358317A1.*

Awards

- 2025 **대한수면학회 상반기 최우수 학술상, 대한수면학회.**
Doyoon Kim, Hao Chen, Joonhyun Lee, Yuhyun An, Hao Hsuan Chang, **Seho Kim**, Jonghyun Park, Seungman Yang, Hyoeun Bae, Eunyeon Joo
- Multi-Sensor Fusion Approach for Sleep Stage Analysis: A Non-contact Sensor Study
- 2023 **2023 SEC Annual Awards 창의분과 금장, 삼성전자.**
Ruby TF
- 수면단계 측정 프로젝트
- 2022 **Magna Cum Laude, Brandeis University.**
Seho Kim
- Awarded for exceptional academic performances and achievements

Conferences

- Nov. 2024 **2024 대한수면학회 정기학술대회 (대한수면학회)**, Seoul, South Korea
(Oral) Doyoon Kim, Hao Chen, Joonhyun Lee, Yuhyun An, Hao Hsuan Chang, **Seho Kim**, Jonghyun Park, Seungman Yang, Hyoeun Bae, Eunyeon Joo
- Multi-Sensor Fusion Approach for Sleep Stage Analysis: A Non-contact sensor study
- June. 2024 **SLEEP 2024 (APSS)**, Houston, USA
(Poster) Doyoon Kim, Hao Chen, Joonhyun Lee, Yuhyun An, Hao Hsuan Chang, **Seho Kim**, Jonghyun Park, Seungman Yang, Hyoeun Bae, Eunyeon Joo
- Multi-Sensor Fusion Approach for Sleep Stage Analysis: A Non-contact sensor study