

Education

- **Seoul National University** Seoul, Korea
M.S., Computer Science and Engineering, GPA: 4.26/4.30 2019 - 2021
– Master thesis: *Co-attentional Transformers for Video Story Understanding*
- **RWTH Aachen University** Aachen, Germany
B.Sc., Computer Science, GPA: 2.5 (German system) 2014 - 2019
– Bachelor thesis: *Applying Dynamic Bayesian Networks for Automated Modeling in Archimate*
- **Ewha Womans University** Seoul, Korea
Exchange semester Spring 2017

Work Experience

- **Samsung Research** Seoul, Korea
Research Engineer 2021 - Present
– Research on machine learning at the intersection of video and language
- **Biointelligence Laboratory** Seoul, Korea
Graduate Research Assistant 2019 - 2021
– Research on visual question answering and scene graph generation.
- **ITERGO** Aachen, Germany
Software Engineering Project Intern Spring 2018
– Built a web application to create quarterly infrastructure reports for ERGO.

Publications

1. Co-attentional Transformers for Story-Based Video Understanding. **Björn Bebensee**, Byoung-Tak Zhang, *IEEE International Conference on Acoustics, Speech and Signal Processing (ICASSP)*, 2021.
2. Leveraging node neighborhoods and egograph topology for better bot detection in social graphs. **Björn Bebensee**, Nagmat Nazarov, Byoung-Tak Zhang, *Social Network Analysis and Mining*, 2021.
3. Applying Dynamic Bayesian Networks for Automated Modeling in ArchiMate: A Realization Study, **Björn Bebensee**, Simon Hacks, *IEEE 23rd EDOCW*, 2019.
4. Local Differential Privacy: a tutorial, **Björn Bebensee**, *arXiv preprint arXiv:1907.11908*, 2019 (technical report).

Awards & Honours

Excellent paper presentation award at KCC '21	2021
Daewoong Foundation Global Scholarship	2021
Brain Korea 21 Scholarship	2019 - 2021
SNU Global Scholarship for research students showing great academic promise . .	2019 - 2021

Activities & Volunteer Experience

- **BabyMind workshop @ NeurIPS 2020** Virtual
Program Committee, Host 2020
- **AICE: Association for Intercultural Exchange** Aachen, Germany
Co-Founder 2017 - 2019