

EDUCATION

- **B.S. in Electrical and Computer Engineering** *Mar 2018 - Present*
University of Seoul Seoul, South Korea
- **B.S. in Statistics** *Mar 2018 - Present*
University of Seoul Seoul, South Korea

EXPERIENCE

- **Control and Dynamic Systems Lab, University of Seoul** *Jan 2024 - Present*
Undergraduate Research Intern Seoul, South Korea
- **Intelligent Robot Lab, University of Seoul** *Jan 2023 - Feb 2023*
Undergraduate Research Intern Seoul, South Korea
 - Presented a paper review on the state-of-the-art MFA-Conformer in the speaker verification field at that time.
- **Deep Learning Specilization Course by Andrew Ng, Coursera** *Dec 2021 - Feb 2022*
5 courses Online
 - Built neural network architectures such as CNNs, RNNs, LSTMs, Transformers.
 - Learned Dropout, BatchNorm and Xavier/He initialization.
 - Tackled real-world cases such as speech recognition, music synthesis, chatbots, machine translation, natural language processing and more.
- **Republic of Korea Defense Communication Command, Republic of Korea Air Force** *Sep 2019 - Jun 2021*
Signalman, Squad Leader, Staff Sergeant Osan Air Base, South Korea
 - Operated and maintained a robust Wide Area Communication System to facilitate efficient and secure communication across large geographic areas.
 - Led a squad of 12 members, ensuring effective communication, coordination, and mission accomplishment.
 - Discharged with the rank of staff sergeant.
- **Software Engineering (dropped out), Gachon University** *Mar 2017 - Mar 2018*
Freshman Seongnam, South Korea
 - Learned discrete mathematics, C programming and web programming.
 - Took classes which taught appreciating art and history.

TECHNICAL SKILLS AND INTERESTS

Languages: English (B2), Korean (Native).
Programming: C/C++, Python, C#, Java, JavaScript, R, SAS.
Frameworks: PyTorch, TensorFlow, Flutter.
Areas of Interest: Control Engineering, Deep Learning.

PUBLICATIONS

- **[Paper]** Jae-Seok Jang, Bon-Jae Ku, **Sung-Jun Eom**, Ji-Hyeong Han, "Malware detection methodology through on pre-training and transfer learning for AutoEncoder based deobfuscation" in KIPS 2022.