KiHyun **Nam**

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Interests

Representation learning, Generative model

Anomlay Detection, Speech Task, Style Transfer

Work Experience

NAVER Clova Speech *S.Korea*

Deep Learning Researcher *Sep. 2019 - Feb. 2020*

- Implemented End-to-End Automatic Speech Recognition models.
- Implemented Active Learning system for Automatic Speech Recognition.

Lionrocket *S.Korea*

Deep Learning Engineer *Jun. 2019 - Aug. 2019*

- Implemented AI model to generate keypoints of face using audio signal.

Research Experience

Vision and Signal Processing Lab @ HUFS *S.Korea*

Student Researcher *Nov. 2018 - present*

- Source Separation
- Anomaly Detection

Education

HUFS(Hankuk University of Foreign Studies) *S.Korea*

Computer Science and Engineering *Mar. 2015 - present*

Invited Talks

Deep Learning Conference All Together(DLCAT)-2nd *Daejeon, S.Korea*

'Meet Audio with Deep Learning' *Jul. 2019*

- Slide

Korea Electronics Technology Institute *Seongnam, S.Korea*

'Audio for Deep Learning' *Mar. 2019*

Naver TechTalk *Seongnam, S.Korea*

'Deep learning Super Resolution, where are you now' *Sep. 2018*

- Slide

Projects

Paper Review

devkihyun.github.io - Paper Review

Public Implementations

Deep Learning Paper

- Super Resolution - SRCNN, VDSR, RDN (Tensorflow)
- Generative models - VAE, CVAE (Tensorflow)
- Style Transfer - InvertCnn, Neural Style Transfer (Tensorflow)