

Minki Chung

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This document is updated on May 16th, 2021

RESEARCH INTEREST

Computer Vision / Deep Learning / MLOps / AIOps

EDUCATION

Sep 2016 – Aug 2018 M.S. in Industrial Engineering (Datamining Lab.)
Seoul National University, Republic of Korea
Advisor: Sungzoon Cho

Feb 2011 – Aug 2016 B.S. in Industrial and System Engineering
KAIST, Republic of Korea

WORK EXPERIENCE

Apr 2021 – Present Vuno, Seoul, Republic of Korea
DL platform engineering team. (Mlflow, Kubernetes)

Aug 2018 – Apr 2021 Vuno, Seoul, Republic of Korea
Chest X-ray team. Abnormalities detection. (PyTorch)

Jan 2019 – May 2019 Vuno, Seoul, Republic of Korea
Coronary CT angiography team. Coronary artery disease detection.
(PyTorch)

May 2016 – Aug 2016 Kiswe Mobile, New Jersey, USA
Development Internship. Developed a prototype to provide an interactive
experience for users watching sports through the Kiswe Android mobile
app. (Javascript, D3)

May 2016 – Dec 2016 Mozzet, Seoul, Republic of Korea
Freelancer. Developed face scoring model for mobile application with deep
learning. (Tensorflow)

Mar 2018 – Mar 2018 Fast Campus, Seoul, Republic of Korea
Freelancer. Opened a course giving reviews on recent papers on
computer vision and visual attention.

Jun 2015 – Aug 2015 Leevi, Seoul, Republic of Korea
Data analysis internship. Semantic analysis based on community text data.
(SQL)

PUBLICATIONS

Medical Image Computing and Computer Assisted Intervention(MICCAI)
2019, Resource Optimized neural architecture search for 3D medical
image Segmentaion, Woong Bae*, Seungho Lee*, Yeha Lee, Beomhee
Park, Minki Chung and Kyu-Hwan Jung.

International Conference on Information and Computer
Technologies(ICICT), 2018,

Dohyung Kim, Minki Chung, Hyochang Yang and Sungzoon Cho,
“Squeezed Convolutional Variational AutoEncoder for Unsupervised
Anomaly Detection in Edge Device Industrial Internet of Things”.

COMPETITONS & AWARDS

Mar 2021	Kaggle, VinBigData Chest X-ray Abnormalities Detection Silver Medal (40/1277)
Nov 2019	Kaggle, RSNA Intracranial Hemorrhage Detection Silver Medal (16/1345)
Oct 2018	Kaggle, RSNA Pneumonia Detection Challenge Silver Medal (23/1499)
Sep 2015	Korean Institute of Industrial Engineers(KIIE) Undergraduate Contest 1 st prize

ADDITIONAL RESEARCH EXPERIENCE

Mar 2017 – Dec 2017	Samsung Electronics Industry-academic cooperation. Unsupervised Anomaly Detection Technique on Edge Device.
Jan 2018 – Apr 2018	LG Electronics Industry-academic cooperation. Semi-Supervised Learning based Air Conditioning Load Prediction.
Sep 2016 – Sep 2018	M.S, Industrial Engineering, Seoul National University Semantic image inpainting with attention. (tensorflow) LoL Elo-Boosting detector using data crawler and unsupervised anomaly detection technique. (Selenium, Scikit-Learn, tensorflow)

EXTRA ACTIVITIES

Mar 2014 – Feb 2015	Engineer Without Borders, KAIST, Deajeon, Republic of Korea
Jun 2013 – Aug 2013	Cledor Marketing Adventure 9 th , Binggrae, Seoul, Republic of Korea
Mar 2012 – Dec 2012	President, Hiphop Dance Crew, KAIST, Deajeon, Republic of Korea
Oct 2012 – Jan 2014	Mentor, STX Volunteer, Daejeon, Republic of Korea
Mar 2015 – Jul 2015	Exchange student, Tsinghua University, Beijing, China

SKILLS

Languages: Korean (mother tongue), English (IBT 204, TEPS 874),
Chinese(HSK 4)
Programming languages: Python, JAVA, MATLAB, R
Detailed skills: Deep learning (TensorFlow, PyTorch), MLOps (Mlflow,
Kubernetes)