

Younjoon Chung

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Education

**Feb. 2014 ~
Feb. 2018** **Sogang University** **Seoul, Korea**
Department of Computer Science and Engineering
Member of [Alpha Sigma Nu](#), the honor society of Jesuit colleges and universities across the world.
GPA 3.58/4.3 with 150 credits, Graduated with Magna Cum Laude

Work Experience

**Jul. 2020 ~
Present** **VUNO Inc.,** Alternative Military Service, Researcher **Seoul, Korea**
Developing deep learning algorithms for analyzing abnormalities in chest X-ray and 3D CT images.

**Mar. 2018 ~
Jun. 2020** **SELVAS AI Inc.,** Alternative Military Service, Developer **Seoul, Korea**
Developed deep learning based text segmentation models for OCR systems.

**Jan. 2019 ~
Present** **Keras Korea,** Committee Member
Leading open source project "Official Korean Translation of the Keras Document"

Research Experience

**Jan. 2016 ~
Mar. 2018** **Samsung Medical Center, School of Medicine, Sungkyunkwan University**
Undergraduate Research Assistant (Advisor: Dr. Yoon-Chul Kim)
Developed deep learning based medical imaging models and GUI tools. Published the results in two SCIE journals.

**Aug. 2016 ~
Sep. 2016** **Data Engineering Lab, Sogang University**
Undergraduate Research Intern (Advisor: Prof. Sungwon Jung)
Developed data preparation pipeline for NLP projects. Published the results in a domestic conference.

Campus Activities

**Mar. 2015 ~
Mar. 2016** **President, Release(computer science society), Sogang University**
Organized various seminars, hackathons and workshops for students at Sogang University.

**Feb. 2017 ~
Feb. 2018** **Tech Evangelist, Microsoft Student Partners**

- Mastering Gomoku @ Sogang University, Nov. 2017
- Machine Learning Seminar @ D.CAMP, Sep. 2017
- Before and After, the AI Winter @ Sogang University, May. 2017
- [M.L. Workshop @ APAC M.L. & Data Science Community Summit](#), May. 2017

Scholarships

Dec. 2017	NAVER Student Scholarship	NAVER Corp.
Spring, Fall 2014	Honors Scholarship	Sogang University
Fall 2017	Silicon Valley Data Science Program	Sogang University

Awards

Aug. 2017	NAVER D2 CAMPUS FEST Beyond FEST Award	NAVER Corp.
Feb. 2017	NAVER D2 CAMPUS FEST 3rd place Award	NAVER Corp.
Jul. 2017	Best Evangelism Award	Microsoft Student Partners
Feb. 2018	Best Evangelism Award	Microsoft Student Partners
Nov. 2018	2018 Contributhon Bronze Award	Ministry of Science and ICT
Dec. 2019	2019 Contributhon Silver Award	Ministry of Science and ICT

Publications

[1] Yoon-Chul Kim, Younjoon Chung, Yeon Hyeon Choe, “Automatic localization of anatomical landmarks in cardiac MR Perfusion using random forests”, Biomedical Signal Processing and Control, Vol. 38, pp. 370-378, 2017. [SCIE]

[2] Yoon-Chul Kim, Khu Rai Kim, Kwanghee Choi, Minwoo Kim, Younjoon Chung, Yeon Hyeon Choe, “EVCMR: A tool for the quantitative evaluation and visualization of cardiac MRI data”, Computers in Biology and Medicine, 2019. [SCIE]

[3] Sehee Lee, Younjoon Chung, Sungwon Jung, “An Effective Clustering Algorithm for Keyword Set-based Data”, Winter Conference of Korean Institute of Information Scientists and Engineers, December, 2016, PyeongChang, Korea.

[4] Younjoon Chung, Kyunchul Lee, Namgyu Ho, Seungyoun Lee, Jaewon Kim, Myoungwan Koo, “Development of an iOS Application for Reimbursing Receipts”, Korea Software Conference, December, 2017, Busan, Korea.

[5] Younjoon Chung, Yoon-Chul Kim, Yeon Hyeon Choe, “Python GUI implementation of training data generator for deep learning in cardiac cine MRI”, Proceedings of the 5th International Congress on Magnetic Resonance Image and 22nd Annual Scientific Meeting of Korean Society of Magnetic Resonance in Medicine (ICMRI 2017 & KSMRM), March 2018, Seoul, Korea. *[Oral presentation]*

[6] Younjoon Chung, Hyun Joon An, Ryungwoo Jang, Minki Chung, Jinkyong Sung, Eunkyong Hong and Kyuhwan Jung, “Automatic Windowing Parameter Estimation For Chest Radiographs: A Deep Learning Approach”, Radiological Society of North America 2021 Scientific Assembly and Annual Meeting, November, 2021, Chicago, IL. *[Oral presentation]*

Teaching Experience

Sep. 2019 ~ Nov. 2019	Introduction to Artificial Intelligence	Seoul Metropolitan Gov.
Nov. 2021	Deep Learning/AI : All-in-One Package	Fast Campus

Talks

Oct. 2019	All about Open Source	Samsung Open Source Conference
Dec. 2019	Keras Hands-on Lab	Global AI Bootcamp - Seoul

Open Source Projects

May. 2018 ~ Present	Keras, Keras Applications, Keras Preprocessing, Contributor https://github.com/keras-team/keras/commits?author=fuzzythecat https://github.com/keras-team/keras-applications/commits?author=fuzzythecat https://github.com/keras-team/keras-preprocessing/commits?author=fuzzythecat	
Mar. 2019 ~ Present	Official Korean Translation of the Keras Document, Maintainer https://github.com/keras-team/keras-docs-ko	Keras Korea
Sep. 2018 ~ Nov. 2018	Keras Tutorial Korean Translation, Maintainer https://github.com/KerasKorea/KEKOxTutorial	Keras Korea

Actively contributing to popular open source projects including Keras, matplotlib, etc., and leading various translation projects for developer communities in Korea.

Interests

Deep Learning, Medical Imaging, Computer Vision, Open Source

Skills

Programming: Python, C, C++, Github, TensorFlow, Keras, PyTorch, matplotlib, etc.

Human Languages: English(TOEIC 985, TOEFL 110), Korean(Native)