


Name	Edward Choi	
Current Position	KAIST	
Country	Republic of Korea	
Major Field	AI for Healthcare	

Educational Background

- B.S. in Computer Science, Seoul National University, 2007
- M.S. in Computer Science, KAIST, 2009
- Ph.D. in Computer Science, Georgia Institute of Technology, 2018

Professional Experience

- Electronics & Telecommunications Research Institute (ETRI), Researcher, 2010-2014
- DeepMind & Google, Research Intern, 2017
- Google Brain & Google Health, Software Engineer, 2018-2020
- KAIST, Assistant Professor, 2020-

Other Experience and Professional Memberships

- Educational Board Member, KOSAIM, 2021-

Main Scientific Publications

- Gyubok Lee, Hyeonji Hwang, Seongsu Bae, Yeonsu Kwon, Woncheol Shin, Seongjun Yang, Minjoon Seo, Jong-Yeup Kim, Edward Choi, 2022, EHRSQL: A Practical Text-to-SQL Benchmark for Electronic Health Records, Proc. of Neural Information Processing Systems (NeurIPS) 2022 Datasets and Benchmarks
- Jong Hak Moon*, Hyungyung Lee*, Woncheol Shin, Young-Hak Kim, Edward Choi, 2022, Multi-modal Understanding and Generation for Medical Images and Text via Vision-Language Pre-Training, Journal of Biomedical and Health Informatics (JBHI), GitHub Repo
- Kyunghoon Hur*, Jiyoung Lee*, Jungwoo Oh, Wesley Price, Young-Hak Kim, Edward Choi, 2022, Unifying Heterogenous Electronic Health Records Systems via Text-Based Code Embedding, Proc. of Conference on Health, Inference, and Learning (CHIL) 2022
- Edward Choi, Mohammad Taha Bahadori, Joshua A. Kulas, Andy Schuetz, Walter F. Stewart, Jimeng Sun, 2016, RETAIN: An Interpretable Predictive Model for Healthcare using Reverse Time Attention Mechanism, In Proc. of Neural Information Processing Systems (NIPS) 2016, pp.3504-3512