# THE 7<sup>TH</sup> INTERNATIONAL CONGRESS OF BMT 2023 28<sup>TH</sup> ANNUAL CONGRESS OF KSBMT

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Name	Edward Choi	
<b>Current Position</b>	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

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