Songyeon Lee

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Education

Mar. 2020 ~ Present	Ph.D. Student in School of Electrical Engineering and Computer Science, Gwangju Institute of Science and Technology Gwangju, Korea
Mar. 2018 ~ Feb. 2020	M.S. in School of Electrical Engineering and Computer Science, Gwangju Institute of Science and Technology Gwangju, Korea Thesis: Breast Cancer Biomarker Identification via Metabolomics Data
Mar. 2014 ~ Feb. 2018	B.S. in Division of ICT Convergence Engineering, Sookmyung Women's University Seoul, Korea Thesis: Implementation of Linux Apache Web Server Attack Detection Program through Real-time Log Analysis

Research Interests

- Bioinformatics
- Cancer Target and Biomarker Identification
- Multi-omics Analysis
- Machine Learning and Deep Learning

Publications (Peer Reviewed)

Songyeon Lee, Byung-Joon Seung, In Seok Yang, Jueun Lee, Taewoong Ha, Hee-Myung Park, Jae-Ho Cheong, Sangwoo Kim, Jung-Hyang Sur, Geum-Sook Hwang*, Hojung Nam*, "1H NMR based urinary metabolites profiling dataset of canine mammary tumor", Scientific Data. volume 9, Article number: 132 (2022).

Honors and Awards

2018 ~ 2022   Full Government Scholarship (Ph.D. program)

Technical Skills

Programming language (Python, R)

Machine Learning and Deep Learning