

JUN-GI JANG

CONTACT	Data Mining Laboratory Building 301 #519 Seoul National University Republic of Korea 08826	Phone: +82-2-880-7263 Email: <i>elnino4 (at) snu.ac.kr</i> 1, Gwanak-ro, Gwanak-gu, Seoul
EDUCATION	M.S/Ph.D Student Computer Science and Engineering Seoul National University <i>Advisor: U Kang</i> Bachelor of Science Mechanical and Aerospace Engineering, Computer Science and Engineering (double major) Seoul National University	MAR. 2017 - PRESENT MAR. 2010 - FEB. 2017
RESEARCH INTERESTS	Efficient Tensor Analysis, Time Series Data Analysis	
PUBLICATIONS	Conferences <ol style="list-style-type: none">Jun-Gi Jang and U Kang, D-Tucker: Fast and Memory-Efficient Tucker Decomposition for Dense Tensors, 36th IEEE International Conference on Data Engineering (ICDE) 2020, Dallas, Texas, USA.Jun-Gi Jang, Donjin Choi, Jinhong Jung, and U Kang, Zoom-SVD: Fast and Memory Efficient Method for Extracting Key Patterns in an Arbitrary Time Range, ACM International Conference on Information and Knowledge Management (CIKM) 2018, Lingotto, Turin, Italy.<ul style="list-style-type: none">Honorable Mention (4th in CS) from Samsung Humantech Paper Award Journals <ol style="list-style-type: none">Sejoon Oh, Namyoung Park, Jun-Gi Jang, Lee Sael, and U Kang, High-Performance Tucker Factorization on Heterogeneous Platforms, IEEE Transactions on Parallel and Distributed Systems, Apr. 1, 2019Dongjin Choi, Jun-Gi Jang, and U Kang, S3CMTF: Fast, accurate, and scalable method for incomplete coupled matrix-tensor factorization, PLOS ONE, June 28, 2019.	
PATENTS	Domestic Patents <ol style="list-style-type: none">Jun-Gi Jang, Dongjin Choi, and U Kang, Apparatus and Method For Processing Data (filed on Jan. 2018).Donjing Choi, Jun-Gi Jang, and U Kang, Data Analysis Method and Apparatus for Sparse Data (filed on Nov. 2017).	
AWARDS & HONORS	Humantech Paper Award (Honorable Mention, lead-author) , Samsung	FEB 2018
TALKS	Talks <ol style="list-style-type: none">Zoom-SVD: Fast and Memory Efficient Method for Extracting Key Patterns in an Arbitrary Time Range, NC, Jan. 2019	

PROFESSIONAL SERVICES

Conference Reviews

- International Conference on Information and Knowledge Management (CIKM), 2019
- International Conference on Knowledge Discovery and Data Mining (KDD), 2019
- International World Wide Web Conference (WWW), 2019.
- International Conference on Web Search and Data Mining (WSDM), 2019
- International Conference on Data Mining (ICDM), 2018
- International Conference on Information and Knowledge Management (CIKM), 2018
- International Conference on Web Search and Data Mining (WSDM), 2018

TEACHING EXPERIENCE

T.A. , M2177.004900 Theory and Lab of IoT, AI, and Big Data @ SNU	SPRING 2020
T.A. , M2177.004900 Theory and Lab of IoT, AI, and Big Data @ SNU	FALL 2019
T.A. , M2177.004900 Theory and Lab of IoT, AI, and Big Data @ SNU	SPRING 2019
T.A. , M1522.001400 Introduction to Data Mining @ SNU	SPRING 2018
T.A. , M1522.000900 Data Structure @ SNU	FALL 2017

GRADUATE COURSEWORK

M2177.003000 Advanced Data Mining @ SNU	FALL 2019
4190.676 Artificial Neural Networks @ SNU	FALL 2019
3394.506 Advanced Numerical Linear Algebra @ SNU	SPRING 2019
M1522.002500 Quantum Computing and Information Fundamentals @ SNU	SPRING 2019
430.502 Industrial Applications of Electrical and Electronic Technologies @ SNU	FALL 2018
430.709A Convex Optimization @ SNU	FALL 2018
4190.771 Topics in Algorithms (ML algorithms in bioinformatics) @ SNU	FALL 2018
430.707A Pattern Recognition @ SNU	SPRING 2018
4190.771 Topics in Algorithms (Compression) @ SNU	SPRING 2018
M1522.001600 Topics in Big data Analytics @ SNU	FALL 2017
M1522.000500 Information Visualization and Visual Analytics @ SNU	FALL 2017
430.707A Advance Databases @ SNU	SPRING 2017
M1522.001600 Topics in Big data Analytics @ SNU	SPRING 2017

REFERENCES

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