Gordon Euhyun Moon

395 Dreese Laboratories 2015 Neil Avenue, Columbus, OH 43210, U.S.A.

☎ +1 (267) 815-1673 • ✉ moon.310@osu.edu
🌐 https://gordonmoon.github.io

Education

The Ohio State University	**Columbus, OH**
Ph.D. Candidate in Computer Science & Engineering, (GPA: 3.8/4.0)	*2013–present*

Advisor: Ponnuswamy Sadayappan
Thesis: Parallel Algorithms for Machine Learning

Indiana University	**Bloomington, IN**
M.S. in Computer Science	*2011–2013*

Yonsei University	**Seoul, Korea**
B.S. in Computer Science and Industrial System Engineering	*2002–2010*

Double Baccalaureates:
    Computer Science (2002–2005) and Industrial System Engineering (2006–2010)
Military Duty Service at 6th Army Corps, Pochun, ROK Army, 2007–2009

Appointments

The Ohio State University	**Columbus, OH**
Graduate Teaching Associate	*2014–present*

Introduction to Computing Technology, Computer Programming In Java, Principles of Programming Languages, Survey of Artificial Intelligence II: Advanced Techniques

Indiana University	**Bloomington, IN**
Teaching Assistant	*Fall 2012*

Elements of Artificial Intelligence

Publications

G. Moon, I. Nisa, A. Sukumaran-Rajam, B. Bandyopadhyay, S. Parthasarathy and P. Sadayappan, "Parallel Latent Dirichlet Allocation on GPUs,"
Proceedings of the 2018 International Conference on Computational Science (**ICCS**), 2018

G. Moon, A. Sukumaran-Rajam, and P. Sadayappan, "Parallel LDA with Over-Decomposition,"
Proceedings of the 2017 IEEE 24th International Conference on High Performance Computing Workshops (**HiPCW**), 2017

G. Moon, and J. Hamm, "A Large-Scale Study in Predictability of Daily Activities and Places,"
Proceedings of the 8th EAI International Conference on Mobile Computing, Applications and Services (**MobiCASE**), 2016

Selected Research in Progress

G. Moon, A. Sukumaran-Rajam, S. Parthasarathy and P. Sadayappan, "Parallel Locality-Optimized NMF on Multicore CPUs and GPUs,"
Status: Under review

G. Moon, D. Newman-Griffis, A. Sukumaran-Rajam, E. Fosler-Lussier and P. Sadayappan, "Optimizing Word2Vec for Fast Node Embeddings,"

Honors and Awards

Graduate Fellowship, Indiana University (2011–2012)

Dean's Innovation Award, Ecology-Friendly Devices for Comestibles Waste Treatment and Recycling, Yonsei University (Spring 2007)

Extracurricular Activities

December 2008–June 2009: Chief of Squadron, Transportation Battalion, Sixth Army Corps Headquarters, Pochun, near DMZ towards Border to North Korea, South Korea

Volunteering Services

January 2010–February 2010: Dispatched to Ho Chi Minh, Vietnam for Medical Curative Treatment under Auspices of Kyungdong Presbyterian Church

June 2010: Dispatched to Siem Riep, Cambodia for Delivery of Medical Supplies under Auspices of Kyungdong Church

Technical and Personal Skills

Certificate: Topmost-Grade Information Processing Technician Authorized by Ministry of IT, Government of Republic of Korea

Programming Languages Proficiency: C++, Java, Python, MATLAB, and MySQL

REFERENCES

Ponnuswamy Sadayappan
Professor
Department of Computer Science & Engineering
The Ohio State University
591 Dreese Lab, 2015 Neil Avenue
Columbus, Ohio 43210 USA
sadayappan.1@osu.edu
Phone: 614.292.0053

Srinivasan Parthasarathy
Professor
Department of Computer Science & Engineering
Department of SBS-Biomedical Informatics
The Ohio State University
693 Dreese Lab, 2015 Neil Avenue
Columbus, Ohio 43210 USA
parthasarathy.2@osu.edu
Phone: 614.292.2568

Eric Fosler-Lussier
Professor
Department of Computer Science & Engineering
Department of SBS-Biomedical Informatics
Courtesy Professor
Department of Linguistics
The Ohio State University
585 Dreese Lab, 2015 Neil Avenue
Columbus, Ohio 43210 USA
fosler-lussier.1@osu.edu
Phone: 614.292.4890

Mircea-Radu Teodorescu
Associate Professor
Department of Computer Science & Engineering
The Ohio State University
797 Dreese Lab, 2015 Neil Avenue
Columbus, Ohio 43210 USA
teodorescu.1@osu.edu
Phone: 614.292.7027