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Sang C. Suh, Ph.D.

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### **A. PROFESSIONAL PREPARATION**

| INSTITUTION                   | MAJOR/AREA OF STUDY              | DEGREE      |
|-------------------------------|----------------------------------|-------------|
| Southern Methodist University | Computer Science                 | Ph.D., 1992 |
| University of Hawaii at Manoa | Computer Science & Info. Systems | M.S., 1986  |

### **B. PROFESSIONAL APPOINTMENTS**

2017-Present Regents Professor of Computer Science, Texas A&M University System, College Station, TX  
2009-Present Professor, Computer Science, Texas A&M University-Commerce, Commerce, TX  
2008-2019 Department Head, Computer Science, Texas A&M University-Commerce, Commerce, TX  
2000-2007 Associate Professor, Computer Science, Texas A&M University-Commerce, Commerce, TX  
1993-2000 Assistant Professor, Computer Science, Texas A&M University-Commerce, Commerce, TX

### **C. SELECTED PUBLICATION**

Cliff Zintgraff, Sang C. Suh, Bruce Kellison and Paul E. Resta, Eds, *STEM in the Technopolis: The Power of Coordinating STEM Education and Technology Policy in Regions*, Springer International Publishing, New York, NY, USA, ISBN 978-3-030-39850-7, ISBN 978-3-030-39851-4 (eBook), 2020.

Sang C. Suh, Anusha Upadhyaya and Ashwin Nadig, "Analyzing Personality Traits and External Factors for STEM Education Awareness using Machine Learning," *International Journal of Advanced Computer Science and Applications (IJACSA)*, Volume 10, No. 5, Digital Object Identifier (DOI) : 10.14569/IJACSA.2019.0100501, 2019.

Veronica Baugh, Selay Arkün-Kocadere, Cristiane Gattaz, U. John Tanik, Sang C. Suh, "Design and Process Science Lab: STEM Virtual Platform for Transdisciplinary Device Innovation Promoting Venture Development," in *Proceedings of the 20<sup>th</sup> International SDPS Conference (SDPS)*, <https://sdpsnet.org/sdps/index.php/conferences/sdps-2015>, pp. 356-363, Dallas, TX, November 2015.

Sang C. Suh and Thomas Anthony Eds, *Big Data and Data Analytics*, Springer International Publishing, New York, NY, USA, ISBN 978-3-319-63915-4 (Print); ISBN 978-3-319-63917-8 (eBook); <https://doi.org/10.1007/978-3-319-63917-8>, 2018.

Güldal, Serkan, Allehaibi, Saleh, Alshehri, Hussain, Alharthi, Abdulrahman, Baugh, Veronica, Shabnam, Shimin, Gattaz, Cristiane C., Tanik, U. John, Suh, Sang, "Transdisciplinary Convergence on the DPSL Platform: STEM Development with IOT Mobile Applications in Wolfram Framework," in *Proceedings of the 20<sup>th</sup> SDPS Conference (SDPS)*, <https://sdpsnet.org/sdps/index.php/conferences/sdps-2015>, pp. 376-385, Dallas, TX, November 2015.

Sang C. Suh, *Practical Applications of Data Mining – Methods and Practices*, Jones and Bartlett Publishers, Boston, MA, USA, ISBN-13: 9780763785871, 2011. (Single author book).

Baugh, U. Tanik, Cristiane Gattaz, Sang C. Suh, Murat Tank, “SDPS Mobile Application Module for DPSL Virtual Platform: Enabling Next Generation Collaboration and Convergence for SDPS Student Chapter Network,” in *Proceedings of the 20<sup>th</sup> SDPS Conference (SDPS)*, <https://sdpsnet.org/sdps/index.php/conferences/sdps-2015>, pp.411-419, Dallas, TX, November 2015.

Sang C. Suh, John Tanik, John Carbone, and A. Eroglu, Eds., *Applied Cyber-Physical Systems*, Springer Verlag, New York, NY, USA, ISBN 978-1-4614-7336-7, 2013.

Sang C. Suh, et. al., “CASE STUDY: STEM Contribution in Indian IT Clusters”, *STEM in the Technopolis: The Power of Coordinating STEM Education and Technology Policy in Regions*, Springer International Publishing, New York, NY, USA, ISBN 978-3-030-39850-7, ISBN 978-3-030-39851-4 (eBook), <https://doi.org/10.1007/978-3-030-39851-4>, 2020.

Sang C. Suh and Aghalya Manmatharaj, “An Efficient Machine Learning Technique to Classify and Recognize Handwritten and Printed Digits of Sudoku Puzzle,” *International Journal of Advanced Computer Science and Applications (IJACSA)*, Volume 10, No. 6, Digital Object Identifier (DOI) :10.14569/IJACSA.2019.0100682, 2019.

#### **D. SELECTED SYNERGISTIC ACTIVITIES**

U.S. Department of Energy Grant: DE-SC0001132 (TX-W-20090427-0004-50), The Development of an Artificial Science and Engineering Research Infrastructure to Facilitate Innovative Computational Modeling, Analysis, and Application to Interdisciplinary Area of Scientific Investigation, \$971,600 Awarded, 2009- 2012.

ETRI (Electronics and Telecommunication Research Institute), Research on Machine Learning and Big Data on Cloud Computing, Network Traffic Anomaly Analysis, and Network Anomaly Detection, June 2013- January 2019.

Editor-in-Chief, *Journal of Integrated Design and Process Science*, ISSN: 1092-0617, Abstracted/indexed in Web of Science eSCI, ACM Digital Library, SciVerse Scopus, Academic Source Complete, Compendex, CPX, EBSCO database, Science & Technology Collection, Ulrich's Periodicals Directory, IOS Press, <http://www.iospress.nl/journal/journal-of-integrated-design-process-science>, 2011-2016.

Sysmate Inc., Research on Network Traffic Classification, its Implementation, and Benchmarking, September 2012- April 2015.

Namseoul Global Expedition Winter Camp, 2012-2019, Student Experience and Recruitment Winter Camp at Texas A&M University-Commerce (TAMUC), Participants are prospective students with intention to transfer to TAMUC in STEM and related disciplines, 2012-2019.