CURRICULUM VITAE

KARTHIK SRINIVASAN
karthiks@email.arizona.edu
http://www.karanalytics.com

RESEARCH INTERESTS	Healthcare information systems, Digital health, Network science, Statistical machine learning
EDUCATION	**Eller College of Management, University of Arizona**, Tucson, US PhD(Major: MIS, Minor: Statistics) Aug 2014 - May 2019 (Expected) CGPA (till date): 3.88/4.00 **Indian Institute of Science**, Bangalore, India Master of Management(Major: Business Analytics) Aug 2011 - July 2013 CGPA: 6.6/8.0 **Mumbai University**, Mumbai, India Bachelor of Engineering(Major: Electronics & Telecom) June 2005 - July 2009 Passing class: First class
REFEREED JOURNALS	**Srinivasan K.**, Currim F., Ram S. "Predicting High Cost Patients at Point of Admission using Network Science". *Journal of Biomedical Health Informatics, 2017.*
REFEREED JOURNALS - UNDER REVIEW	Lindberg C., **Srinivasan K.**, Gilligan B. et al. "Effects of office workstation type on physical activity and stress". *Occupational and Environmental Medicine.* (Revise and submit)
WORK IN PROGRESS	**Srinivasan K.**, Currim F., Ram S. "Big data analysis with incomplete datasets: A simplified reduced modeling method". Targeted towards *Information Systems Research.* (Internal review) **Srinivasan K.**, Currim F., Ram S. et al. "Effect of sound on state switching in human stress - A Bayesian latent modeling approach". Targeted towards *Management Information Systems Quarterly.* (Work in progress)
CONFERENCE PROCEEDINGS	**Srinivasan K.**, Currim F., Ram S. et al. "Using digital health wearable devices to understand the relationship between sound levels and wellbeing: A segmented mixed-effects regression approach". *Proceedings of the 17th Annual Workshop on Information Technology, 2017.* **Srinivasan K.**, Currim F., Ram S. et al. "A regularization approach for identifying cumulative lagged effects in smart health applications". *Proceedings of the 7th International Conference on Digital Health, 2017.* **Srinivasan K.**, Currim F., Ram S. et al. "Feature importance and prediction modeling for multi-source healthcare data with missing values". *Proceedings of the 6th International Conference on Digital Health, 2016.* **(Best paper award)**

Srinivasan K., Ram S. "Indoor environmental effects on individual wellbeing". *Proceedings of the 6th International Conference on Digital Health, 2016.* (Extended Abstract)

Raturi V., **Srinivasan K.**, Narulkar G., Chandrashekharaiah A., and Gupta A. "Analyzing inter-modal competition between high speed rail and conventional transport systems: A game theoretic approach". *Second Conference of Transportation Research Group of India, Dec 12-15, 2013.*

TEACHING	*Primary instructional role*

MIS 331 - Database Management Systems   Fall 2017
Number of students: 59
Overall teaching effectiveness: 3.79/5.00

MIS 111 - Computers and Internetworked Society   Summer II 2016
Number of students: 17
Overall teaching effectiveness: 4.69/5.00

Teaching assistant
MIS 587 - Business Intelligence (Online)
Spring 2016, Fall 2016, Spring 2017, Spring 2018

HONORS AND GRANTS

- Arizona Making Action Possible Dashboard (AZMAP) white paper grant of 7500$ (2017).
- Eller Small Grant Research data grant of 1000$(2016).
- Graduate and Professional Students Council (GPSC) research travel grants of 750$ awarded for three consecutive years (2015, 2016 and 2017).
- Best paper award in 6th International Conference on Digital Health (2016).
- Winner of *International students got talent, University of Arizona* (2014).

SERVICE

- Reviewer in European Conference on Information Systems (ECIS2018).
- Volunteer at International conference of information systems (2017).
- College representative in Graduate and Professional Students Council (GPSC) (2016).
- Big brother at Tucson chapter of Big Brothers and Big Sisters of America organization (2016-).
- Volunteer/co-Instructor for R workshops organized by non-profit organization - Software & Data Carpentry (2015-).

PROGRAMMING & TOOLS

Python, R, Java, SQL, Spark, Cobol, MongoDB, Impala, Hive, Hue, Neo4j, SPSS, SAS, Gephi, Tableau, Atacama DQA.

WORK EXPERIENCE	**MIS department, Eller College of Management, University of Arizona** Research group: **INSITE** Center for Business Intelligence and Analytics Role: Research Associate .... Aug 2014-
	Robert Bosch Engineering & Business Solutions Limited, India Team: Data Analytics Role: Data Modeler and Analyst .... Aug 2013-July 2014
	Accenture Services Private Limited, India Project: Business Insurance Role: Software Developer .... Dec 2009-July 2011
INTERNSHIPS	**ICICI Bank**, India Team: Business Intelligence Unit .... May-Jun 2012
	Bhabha Atomic Research Center, India Department: Nuclear Physics .... Jun 2008-Jun 2009
REFERENCES	Sudha Ram E-mail: ram@eller.arizona.edu Anheuser-Busch Chair in MIS, Entrepreneurship and Innovation Director - INSITE Center for Business Intelligence and Analytics Department of Management Information Systems Eller College of Management, University of Arizona
	Daniel Zeng E-mail: zeng@eller.arizona.edu Gentile Family Professor of MIS Department of Management Information Systems Eller College of Management, University of Arizona
	Susan Brown E-mail: suebrown@eller.arizona.edu McClelland Professor of MIS and Department Head Department of Management Information Systems Eller College of Management, University of Arizona