

## CURRICULUM VITAE

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RESEARCH INTERESTS	Healthcare information systems, Digital health, Network science, Statistical machine learning
EDUCATION	<p><b>Eller College of Management, University of Arizona</b>, Tucson, US PhD(Major: MIS, Minor: Statistics) Aug 2014 - May 2019 (Expected) CGPA (till date): 3.88/4.00</p> <p><b>Indian Institute of Science</b>, Bangalore, India Master of Management(Major: Business Analytics) Aug 2011 - July 2013 CGPA: 6.6/8.0</p> <p><b>Mumbai University</b>, Mumbai, India Bachelor of Engineering(Major: Electronics &amp; Telecom) June 2005 - July 2009 Passing class: First class</p>
REFEREED JOURNALS	<p><b>Srinivasan K.</b>, Currim F., Ram S. “Predicting High Cost Patients at Point of Admission using Network Science”. <i>Journal of Biomedical Health Informatics</i>, 2017 (IF: 3.451).</p>
MANUSCRIPTS UNDER REVIEW	<p>Lindberg C., <b>Srinivasan K.</b>, Gilligan B. et al. “Effects of office workstation type on physical activity and stress”. <i>Occupational and Environmental Medicine</i>. (Revise and submit)</p>
WORK IN PROGRESS	<p><b>Srinivasan K.</b>, Currim F., Ram S. “Analyzing incomplete data using a simplified reduced modeling method”. Targeted towards <i>Transactions in Management Information Systems</i>. (Internal review)</p> <p><b>Srinivasan K.</b>, Currim F., Ram S. et al. “Effect of Sound on Stress at Workplace - A Multivariate Bayesian Modeling Approach”. Targeted towards <i>Information Systems Research</i>. (Work in progress)</p>
CONFERENCE PROCEEDINGS	<p><b>Srinivasan K.</b>, 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”. <i>Proceedings of the 17th Annual Workshop on Information Technology</i>, 2017.</p> <p><b>Srinivasan K.</b>, Currim F., Ram S. et al. “A regularization approach for identifying cumulative lagged effects in smart health applications”. <i>Proceedings of the 7th International Conference on Digital Health</i>, 2017.</p> <p><b>Srinivasan K.</b>, Currim F., Ram S. et al. “Feature importance and prediction modeling for multi-source healthcare data with missing values”. <i>Proceedings of the 6th International Conference on Digital Health</i>, 2016. (<b>Best paper award</b>)</p>

**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., Chandrashekharaiyah A., and Gupta A. “Analyzing inter-modal competition between high speed rail and conventional transport systems: A game theoretic approach”. *Proceedings of the 2nd Conference of Transportation Research Group of India, 2013*.

INVITED TALKS  
AND  
PRESENTATIONS

- Using digital health wearable devices to understand the relationship between sound levels and wellbeing: A segmented mixed-effects regression approach, Workshop on Information Technology, Seoul (Dec 2017).
- A regularization approach for identifying cumulative lagged effects in smart health applications, International Conference on Digital Health, London (Jul 2017).
- Knowledge discovery using Disease Comorbidity networks, INFORMS Annual Meeting, Nashville (Nov 2016).
- Feature importance and prediction modeling for multi-source healthcare data with missing values, International Conference on Digital Health, Montreal (Mar 2016).
- Data analysis with R (*one day workshop*), Management Information Systems Graduate Association, University of Arizona, Tucson (Feb 2016).
- Data science and technical social networking (*invited talk*), K J Somaiya College of Engineering, Mumbai (Jul 2015).

WHITE PAPERS

Ram S., **Srinivasan K.**, Chagarlamudi S. “Analysis of Chronic Disease Related Patient Visits in Arizona Hospitals”. *Making Action Possible dashboard report, 2017*.

SELECTED  
GRADUATE  
COURSEWORK

**Topics in information systems**

Enterprise database management  
Information systems analysis and design  
Business data communication and networking  
Readings in MIS

**Research methodology**

Design Science Research Methodologies  
Models for Quantitative Analysis  
Behavioral Research Methodologies

**Machine learning and data mining**

Web computing and mining  
Big data analytics  
Statistical machine learning  
Advanced topics in computational intelligence  
Computational social science

**Statistics**

Theory of probability  
Theory of statistics  
Survival analysis  
Multilevel modeling  
Statistical computing

CERTIFICATES

Certificate in College Teaching (10-unit program)  
(Expected)

Jan 2018 - Dec 2018

**Office of Instruction and assessment, University of Arizona**

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

- James F. LaSalle Teaching Excellence Award for exemplary student instructor (2017-2018)
- Best paper award in 6th International Conference on Digital Health (2016).
- Winner of *International students got talent, University of Arizona* (2014).

RESEARCH  
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 \$ 712.94 (2017).
- Graduate and Professional Students Council (GPSC) research travel grants of \$ 750 (2016).
- Graduate and Professional Students Council (GPSC) research travel grants of \$ 750 (2015).

SERVICE

- Reviewer in European Conference on Information Systems (ECIS2018).
- Volunteer at International conference of information systems (2017).
- Proctor for department PhD qualifying exam (2016-17)
- College representative in Graduate and Professional Students Council (GPSC) (2016).
- Big brother at Tucson chapter of Big Brothers and Big Sisters of America organization (2016-17).
- Volunteer/co-Instructor for R workshops organized by non-profit organization - Software & Data Carpentry (2015-).

PROFESSIONAL  
MEMBERSHIPS

Association for Information Systems (AIS), Institute for Operations Research and the Management Sciences (INFORMS).

PROGRAMMING & TOOLS R, Python, SQL, Spark, Cobol, MongoDB, Impala, Hive, Hue, Neo4j, SPSS, SAS, Gephi, Tableau, Atacama DQA, Google Analytics.

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

**Robert Bosch, India** (*Intern*)  
Team: Data Analytics Jan 2013-June 2013

**ICICI Bank, India** (*Intern*)  
Team: Business Intelligence Unit May-Jun 2012

**Bhabha Atomic Research Center, India** (*Intern*)  
Department: Nuclear Physics Jun 2008-Jun 2009

REFERENCES Sudha Ram (*Dissertation Advisor*) 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