

Poonacha K. Medappa

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Research and Teaching Interests

Research Interest: My research interests lie in the areas of open source software development and online communities. I am particularly interested in understanding how we can replicate the unique value creation mechanisms that operate in open source software communities across both IT and non-IT firms. Some of the research topics that I am currently pursuing include open source work structures, open source licensing, and network governance.

Teaching Interest: My teaching interests and experience encompass the multiple dimensions of data science and business analytics. I am also proficient in econometric concepts and open source software development perspectives (technical, social, and economic perspectives). I have experience teaching practice-oriented courses in data science and programming languages for both masters and PhD students. I will always welcome the opportunity to develop coursework in emerging areas in the discipline.

Journal Publications / Articles Under Review

Does Superposition Influence the Success of FLOSS Projects? Examining Open Source Software Development by Organizations and Individuals

With Shirish C. Srivastava, *accepted for publication at Information Systems Research, October 2018*

Ideological Shifts in Open Source Software Development Orchestration: Examining the Influence of License Choice and Organizational Participation on Project Outcomes

With Shirish C. Srivastava, *under review at EJIS Special Issue on Orchestration in Contemporary Software Development Ecosystems, Sep 2018*

Book Chapters

From Corporate Social Responsibility to Disruptive Innovation: Samsung's Green Memory Initiative [[Link](#)]

With Shirish C. Srivastava, *Advances in Bus Ethics Res*, Vol. 7, Gilbert Lenssen et al. (Eds): *The Role of Corporate Sustainability in Asian Development*, 2017

Refereed Conference Proceedings

Restrictions in Open Source: A Study of Team Composition and Ownership in Open Source Software Development Projects

With Shirish C. Srivastava, *in proceedings of the 39th International Conference on Information Systems, San Francisco, 2018*

License Choice and the Changing Structures of Work in Organization Owned Open Source Projects [[Link](#)]

With Shirish C. Srivastava, *in proceedings of the ACM SIGMIS-CPR'17, Bangalore 2017*

Nominated for the *Magid Igharia Outstanding Conference Paper* of the year

Does the Task Structure of Open Source Projects Matter? Superposition and Value Creation [[Link](#)]

With Shirish C. Srivastava, *in proceedings of the 37th International Conference on Information Systems, Dublin, 2016*

Towards a Framework for Assessing Agility [[Link](#)]

With Subir Bhattacharya, *in proceedings of the 45th Hawaii International Conference on System Sciences, Maui, 2012*

Working Papers

Restrictions in Open Source: A Study of Team Composition and Ownership in Open Source Software

With Shirish C. Srivastava, preliminary draft completed (for submission to Management Science)

Leveraging Social Influence to Tackle Endogeneity

With Shirish C. Srivastava, preliminary draft completed (for submission to MISQ, Methods Article)

Research-in-Progress Papers

Do-ocracy Based Dynamic Governance: Understanding Governance in Open Source Software Projects

With Shirish C. Srivastava, research design completed, data collection in-progress

A Controls Perspective towards Understanding the Temporal Effect of Feedback

With Saverio Dave Favaron, theoretical model completed, research design in-progress

Affordances and Value Creation enabled by Collaborative Development Platforms

Proposal and initial design

Education

HEC Paris, France

PhD in Information Systems and Operations Management

Dissertation advisor - Prof. Shirish C. Srivastava, Professor IS&OM

Sep 2014 - Exp. Jun 2019

Indian Institute of Management Calcutta, India

Post Graduate Diploma in Computer aided Management (Masters)

Sept 2008 - Jun 2010

Visvesvaraya Technological University, India

Bachelors in Electronics and Communications Engineering

Sept 2002 - Jun 2006

Work Experience

Cognizant Technology Solutions, India

Business analyst for Data Warehousing and Business Intelligence practice

Jun 2010 - Oct 2013

Larsen and Toubro limited, India

Embedded systems design engineer

Nov 2006 - Jun 2008

Alghanim Industries, Kuwait

Intern for the Operational Excellence division

Apr 2009 - May 2009

Teaching Experience

Data Science and Analytics using Python, PhD Elective Course, HEC Paris

May 2018

- Designed and taught the course spanning 10 hrs, attended by 16 PhD students
- Major subjects covered: data types and structures, web data collection using APIs and by scraping, sentiment analysis and machine learning
- Evaluations – 4.91/5.00

Python Sessions, part of Digital Management course for Masters, HEC Paris

2017- 2018

- Taught 2 class groups (~50 students each), 5 hrs per class group
- Major subjects covered: introduction to open source and programming languages, sentiment analysis and machine learning
- Average Evaluations – 4.00/5.00

Python Sessions, part of Digital Management course for Masters, HEC Paris

2016 - 2017

- Taught 4 class groups (~50 students each), 4 hrs per class group
- Average Evaluations – 3.45/5.00

Other Academic Experience

Doctoral Consortiums

Selected for ICIS Doctoral Consortium, San Francisco Dec 9-11, 2018
ACM SIGMIS-CPR'17 Doctoral Consortium, Bangalore Jun 21, 2017

Conference Session Chair

Track: Digital Business and Innovation; ACM SIGMIS-CPR 2017, Bangalore

Membership in academic organizations:

GREGHEC (CNRS), HEC Paris, France
Association for Information Systems (AIS)
Association for Computing Machinery (ACM)
INFORMS

Review Experience

Reviewer for Journal of Electronic Commerce Research, PACIS 2016, ICIS 2016, ACM SIGMIS CPR 2017, ICIS 2017, WeB 2017, PACIS 2018, ICIS 2018

Grading Assistance

Executive MBA, MIS course
Masters programs, Digital Management course

Awards and Achievements

Nominated for the Magid Igarbia Outstanding Conference Paper ACM SIGMIS-CPR'17 2017
Exemplary performer award, Alghanim Industries, Kuwait 2009
Awarded HEC Foundation PhD Fellowship 2014 - present

Programming Languages

Python (teaching experience), C (working experience), R (working knowledge), Stata (working knowledge), HTML/CSS (working knowledge)

Languages

English (fluent), Kannada (fluent), French (intermediate), Hindi (intermediate)

Other

- Certified Scrum Master 2013
- APCIS- CPIM, Supply Chain Management certification 2010
- Fellow, Swaniti (<http://swaniti.in/>) an NGO dedicated to promoting youth participation in public policy and governance, Assam, India 2012
- Represented Indian Institute of Management Calcutta in field hockey 2008 - 2009
- Graded "A" in the advanced mountaineering course from HMI, Darjeeling 2013

References

Shirish C. Srivastava

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