
Lavanya Rajesh Kumar

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Abstract

This paper gives a brief overview of my background and my current work.

Author Keywords

Psychologist; mental health and technology; stress management, app design, aging, physical activity, emotional intelligence, memory; plasticity; implicit processing.

ACM Classification Keywords

H.5.m Miscellaneous; H.5.1 Multimedia Information Systems; H.5.2 User Interfaces

Introduction

Competence in the areas of Counseling, Research & Analysis, Cognitive Science, Human factors, User Interface, Heuristic evaluation, Teaching, Training, Consulting, and Project management. Exploring opportunities for collaborating in fields of mental health, wellbeing & technology/App development. Interested in innovative, entrepreneurial and challenging opportunities and ventures in industry or academia that will offer scope for impact, growth and learning.



Work Experience

As a Doctoral student in the Aging, Cognition & Action Lab at Michigan Tech, I'm involved in experimental analysis of psychophysiological processes of cognition, emotional processing & motor learning with an aim to apply the findings to design novel wellness interventions. Have experience in applying principles of Cognitive Science and Human Factors Psychology to analyze user behavior. Between 2005-2016 I was involved in the education, social and corporate sectors as an entrepreneur, trainer, consultant, mental health practitioner and researcher.

- College: Debate Secretary and Student Union member, Awards in Debates, Oratorical competitions
- High School: Governor's Award (National Guide's camp), Cultural Secretary, Sports championship, Awards in Debates, Oratorical and Art competitions
- Membership in several organizations including SfN (Society for Neuroscience), APS (American Psychological Society), BPS (British Psychological Society), RCI (Rehabilitation Council of India)

Awards & Achievements

- Michigan Tech's Innovation Corps (I-Corps) grant – 2016
- J.N. TATA Endowment Award – 2016
- Awarded Scholarship for July 2011 Annual Rudolf Dreikurs Summer Institute in Switzerland.
- Academic Chair of the Graduate Student Govt. at MTU (2017-18)
- Served as member of Michigan Tech's Presidential Search Committee.
- Startup Leadership Program (SLP) Fellow-2015-16
- Among the top 3 in the Business Plan Competition held by Deshpande Foundation (Sandbox Startups)
- Merit award for Poster presentation at TS Srinivasan Knowledge Conclave 2010-International Neurobiology Conference.

Summary

An individual with an entrepreneurial spirit and with an amalgamated experience in behavioral sciences, management and human factors, I am looking to use technology to improve quality of life and health, interested in creating holistic and innovative solutions that will lead to a resilient, healthy, productive generation of people.

I enjoy traveling, interacting with people, experimenting with innovative ideas and delving into the how's and why's.

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