Sharadhi Alape Suryanarayana

CONTACT INFORMATION	19, Trumpeldor Street, Giv'at Shmuel	+972(0)58-4346805
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RESEARCH INTERESTS

Artificial Intelligence, Human-Agent Interaction, Multi-agent systems, E-commerce, Machine Learning, Reinforcement Learning

EDUCATION

Bar-Ilan University, Ramat-Gan, Israel

Ph.D., Computer Science, *Expected:* December 2021
- Thesis Topic: *Managing, Mining and Modeling Human Benhavior in Online Environments*
- Advisor: Prof. Sarit Kraus

Pondicherry University, Puducherry, India

M.Sc., Statistics, 2015
- Thesis Topic: *A Statistical Study on Women Health and Nutrition Among the students of Pondicherry University*
- Advisor: Prof. Kiruthika
- *CGPA: 10*
- First Rank with Gold Medal

St Aloysius College (Autonomous), Mangaluru, India

B.Sc., Statistics, Computer Science and Mathematics (Triple Major), 2013
- *Average 95.8*
- First Rank with Gold Medal

PUBLICATIONS

Sharadhi Alape Suryanarayana, David Sarne, Sarit Kraus. "Information Disclosure and Partner Mangement in Affiliate Marketing", *DAI 2019*.

PROJECTS

- **Sharadhi A S**, J Iswarya. "A Statistical Study on Women Health and Nutrition Among the students of Pondicherry University" *Masters' Thesis, Department of Statistics, Pondicherry University, 2015*
  This project was conducted with a dual purpose of appreciating the efforts behind the collection of primary data as well as analyzing causes and levels of malnutrition among young women in the campus of Pondicherry University. The collected data was analyzed using parametric and non-parametric tests, and classification techniques like Factor Analysis and Decision Tree. The analysis was carried out using SPSS and R.
- **Sharadhi A S**, Atanu Dey, Bikki Kumaraswamy. "Operational Research Methods and Statistical Analysis for Groundwater Management Studies in India", *The Annual Conference of Indian Society for Probability and Statistics (ISPS), 2014*.
  As a part of the growing environmental concern around depleting water resources, an empirical analysis was conducted on the groundwater resources of India. Secondary data on several indicators of groundwater was collected. The analysis was three fold, viz. time series analysis to predict groundwater levels in the near future, evaluating district-wise performance with respect to water extraction and replenishment using Data Envelopment Analysis and geographical clustering of water pollutants using cluster analysis. The analysis was carried out using DEAP and SPSS

AWARDS AND ACCOLADES	– President's scholarship for Excellence, Bar-Ilan University	2018-2021
	– Third prize for the project on Conservation of Groundwater, ISPS	2014
	– All India Rank of 146 in IIT-JAM, India	2013
	– Ministry of Human Resource Development Scholarship, India	2011-2012
	– Sanchi Honnamma Scholarship, DCE, Karnataka, India	2011
	– INSPIRE Scholarship for Higher Education (SHE), DST India	2010-2015

PRESENTATIONS	– International Conference on Distributed Artificial Intelligence (DAI)	2019
	– Annual Conference of Indian Society for Probability and Statistics (ISPS)	2014
	– Invited Speaker at the Directorate of Economics and Statistics, Pondicherry	2014

PROGRAMMING SKILLS
R, Python, Java, SYSTAT, SPSS

WORK EXPERIENCE

Applications Developer, Oracle Financial Services Software Limited — 2015-2018

Initially, I worked on extending back-end support to the analytical applications which included developing, testing and monitoring functional accuracy of various statistical methodologies and algorithms, performance of scripted algorithms, business models, techniques and functions over computational software like R, MATLAB and ORACLE R Enterprise. Later, I worked on the Alert Optimization application which was designed for optimizing false positive alerts using Machine Learning techniques.

CO-CURRICULAR ACTIVITIES	– IELTS Score of 8 out of 9, British Council, India	2017
	– Participant at Mathematics Training and Talent Search, Trichy, India	2012
	– Secretary of Math Forum, St Aloysius College	2011-2012