Deepika Yadav

IIIT Delhi
Okhla Industrial Estate, Phase-III
deepikay@iiitd.ac.in

RESEARCH INTERESTS

Human Computer Interaction (HCI), Information and Communication Technologies for Development (ICT4D)

EDUCATION

PhD in Computer Science (CGPA - 9.0)   August 2014—Present
Indraprastha Institute of Information Technology (IIIT), Delhi, India

M.Tech in Computer Engineering (CGPA - 9.4)   July 2010—June 2012
National Institute of Technology, Kurukshetra (NIT), Haryana, India

B.Tech in Computer Science (CGPA - 77.2%)   July 2006—June 2010
ABES Engineering College, Ghaziabad, UP, India

AWARDS

Awarded Gary Marsden Student Travel Grant, SIGCHI	2016
GATE, Computer Science - 96.40 percentile	2010
MHRD Scholarship in M.Tech	July 2010—June 2012
Second Position in Kho-Kho tournament, CBSE National Level	2004
Second Position in 4*100 relay, CBSE North-Zone Athletic Tournament	1999

PUBLICATIONS

Deepika Yadav, Pushpendra Singh, Vijay Kumar, Deepak Sood, Drishti Sharma, Mona Duggal, Kyle Montague, Delvin Varghese, Tom Bartindale, Madeline Balaam, Patrick Olivier, "*Sangoshthi*: Empowering Community Health Workers through Peer Learning in Rural India." *to appear Proceedings of the 20th international conference companion on World wide web.* ACM, 2017.

Konstantinos Kazakos, Siddhartha Asthana, Madeline Balaam, Mona Duggal, Amey Holden, Limalemla Jamir, Nanda Kishore Kannuri, Saurabh Kumar, Amarendar Reddy Mamindla, Subhashini Arcot Manikam, GVS Murthy, Papreen Nahar, Peter Phillimore, Shreyaswi Sathyanath, Pushpendra Singh, Meenu Singh, Pete Wright, **Deepika Yadav**, Patrick Olivier, "A Real-Time IVR Platform for Community Radio." *Proceedings of the 2016 CHI Conference on Human Factors in Computing Systems.* ACM, 2016.

EXPERIENCE

Software Engineer   Aug. 2012—April 2014
Aricent, Gurgaon, India

Teaching Assistant, Operating System   Monsoon—2014
IIIT Delhi, India

Teaching Assistant, Computer Networks   Winter—2015
IIIT Delhi, India

	Teaching Assistant, OOPs	Winter—2012
	NIT Kurukshetra, Haryana, India	

INTERNSHIPS One month internship on ITIL concepts in ONGC, New Delhi, India   June—2009

TECHNOLOGY SKILLS
Programming Languages: C, C++, Java, Python, MATLAB, Shell Scripting
Web Backend Technologies: Django, Mongo, MySQL
Softwares & Tools: Freeswitch, Vagrant, Git, Android, Eclipse
Development Boards: Raspberry Pi, Intel Galileo gen 2, Arduino UNO, Zolerto Z1

COURSES
Machine Learning (A-)
Mobile Computing (B)
Programming Cloud Services for Mobile Applications (A-)
Smart Sensing for Internet of Things (A)

COURSE PROJECTS

IoT based Noise Monitoring System	Aug. 2015—Nov 1015

Guide: Dr. Srikanth Saripalli
Smart Sensing for Internet of Things, Platform - Intel Galileo

Sentiment Analysis of Movie Reviews	Aug. 2014—Nov. 2014

Guide: Dr. Richa Singh
Machine Learning, Platform - MATLAB

Delhi Event Guide(A-)	Jan. 2015—April 2015

Guide: Dr. Pushpendra Singh
Programming Cloud Services for Mobile Applications, Platform-Android

Quiz Mania	Aug. 2015—Nov. 2014

Guide: Dr. Vinayak Naik
Mobile Computing, Platform-Android

INDUSTRIAL PROJECTS

Continental AEC+C2 Entry Demonstrator	Nov. 2012—Aug 2013

Company: Aricent
This product is to provide connectivity between a smart phone having MirrorLink Server with the Head Unit having MirrorLink Client applications. Through MirrorLink application the display of the connected smart phone will be shown on the Head Unit of a car.

LTE Flexi Zone Micro	Aug. 2013—April 2014

Company: Aricent
The product is to provide LTE service for micro cell covering very small area. It includes porting of existing features running on enodeB board for macro cell and development of new features to micro cell.

REFERENCES
Dr. Pushpendra Singh (psingh@iiitd.ac.in)
Associate Professor & Associate Dean (IRD)
Indraprastha Institute of Information Technology, Delhi

Dr. Sanjay Kumar Jain (skj_nith@yahoo.com)
Associate Professor
National Institute of Information Technology. Kurukshetra, Haryana, India