CHANDRAMOULI SHARMA

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EDUCATION

Bachelor of Technology, Computer Engineering July 2010-May 2014
National Institute of Technology Karnataka, India

INTERESTS

Educational Technology, Education Philosophy, Human Computer Interaction, Online Learning, Data Visualization, Learning Analytics, Educational Data mining, Social Entrepreneurship

EXPERIENCE

Teach for India Fellow, Mumbai June 2014-16(expected)
● Full-time Teacher in an under-resourced school in Mumbai
● Managed a class of 50 students in Grade 9th
● Subjects taught: Math, Science, Geography and Computer Science

Research Intern, Microsoft Research India, Bangalore May-June 2015
●Worked on Project Number Balls, an Android app for teaching basic Numeracy to emergent learners.
●Designed, developed and tested the application *Mentor: Ed Cutrell, Head of TEM group, MSRI*

Founder, Ubiquitous Learning Research Lab, CSE Dept, NITK June 2014-present
● Designs and develops tools and prototypes to support learners in a modern learning environment
● Members include students, professionals and PhD students and mentored by Dr. Mohit Tahiliani

Summer Intern, Carnegie Mellon University, Pittsburgh May- July 2013
●Worked on Project Greenscore, an app for crowd-sourcing data for rental housing in Pittsburgh.
●Designed the application and theoretical model of a probabilistic database to represent uncertain input, ignorance and confidence under the guidance of *Prof. Jennifer Mankoff*

Winter Intern, Carnegie Mellon University Winter School Dec 2012
● Intern for Internship Program in Technology Supported Education
● Worked with Dr. Carolyn P Rose on *Analyzing impact of group norms in eliciting response in goal driven online communities*

UNertia, United Nations Environment Programme (UNEP) and UNESCO June 2012
●Was selected by UNEP and UNESCO to work on UNertia, a web platform to create environmental awareness among youth by taking actions.

Educational Games for the Blind: EPICS Oct 2011-Apr 2012
● Engineering Projects in Community Service (EPICS) funded by IEEE and Purdue University
● Developed educational applications for visually impaired students in India, impacting 300 students
● Developed a sound recognition game using text to speech synthesizers for the visually impaired

Online Teaching Assistant, HCI Class, Stanford University(Coursera) Feb -Apr 2013
● Served an online class of more than 100,000 students by Prof. Scott Klemmer
● Roles included peer grading, assignment calibration and answering doubts

AWARDS

IBM/IEEE Smarter Planet Challenge 2012 Dec 2012
● Interactive Environmental Science Platform selected among the Top 10 projects in the world.
HCL Make a Difference (MAD) Finalist June 2012
● Honored by HCL India for efforts in promoting environmental sustainability in university.

RESEARCH EXPERIENCE

Publication
● *Chand, D., Sankaranarayanan, S., Sharma, C., (2014).* "Project Jagriti: Crowdsourced Child Abuse Reporting" IEEE Global Humanitarian Technology Conference (GHTC 2014, San Jose).
● *Jain, S., Sinha, T., Shah, A., Sharma, C., Rose, C. (Eds.) (2013).* 21st International Conference on Computers in Education. Indonesia: Asia-Pacific Society for Computers in Education

EXTRA-CURRICULAR ACTIVITIES

National Institute of Technology, Karnataka
Chairperson, NITK IEEE Computer Society, **2013-14**
Executive Member NITK IEEE Student Branch, Bangalore Section **2010-13**
Campus Student Ambassador, IBM Corporation **2013-14**
Founder, Birthday Tree Initiative , a group focussed on promoting eco-sustainability in NITK **2012**