

Sanorita Dey

Contact:

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Research Interest My primary research interest is in understanding the impact of crowdfunding communities from various socio-economic perspective. I build systems for crowdfunding campaign creators by leveraging persuasive factors from advertising theories' that can persuade backers to donate. I also study the impact of socially stigmatized crowdfunding campaigns in changing people's social opinion on controversial topics. In addition to this, I design and build interactive navigation interfaces to better assist spatial learning by drawing theories on spatial cognition.

Education

PhD Candidate, Computer Science
University of Illinois at Urbana-Champaign
Advisor: Dr. Wai-Tat Fu
Expected Graduation Date: May, 2019

Master of Science, Computer Science and Engineering, 2013
University of South Carolina
Outstanding Thesis Award
Advisor: Dr. Srihari Nelakuditi

Bachelor of Engineering, Computer Science and Technology, 2007
IEST (formerly B.E. College)
Advisor: Dr. Sekhar Mandal

Publication

Title: Effects of Socially Stigmatized Crowdfunding Campaigns in Shaping Opinions
Sanorita Dey, Karrie Karahalios, Wai-Tat Fu
Conference: CHI, 2018 (★ Honorable Mention Award)

Title: Getting There and Beyond: Incidental Learning of Spatial Knowledge with Turn-by-Turn Directions and Location Updates in Navigation Interfaces
Sanorita Dey, Karrie Karahalios, Wai-Tat Fu
Conference: To appear at Spatial User Interaction (SUI), 2018

Title: Understanding the Effects of Endorsements for Scientific Crowdfunding
Sanorita Dey, Karrie Karahalios, Wai-Tat Fu
Conference: CHI, 2017

Title: The Art and Science of Persuasion: Not All Crowdfunding Campaign Videos Are The Same
Sanorita Dey, Brittany Duff, Karrie Karahalios, Wai-Tat Fu
Conference: CSCW, 2017

Title: A scalable online platform for evaluating and training visuospatial skills of engineering students
Ziang Xiao, Yuqi Yao, Chi-Hsien Yen, Sanorita Dey, Helen Wauck, James Leake, Brian Woodard, Angela Wolters, Wai-Tat Fu
Conference: In Proceedings of the Annual Conference of the American Society of

Engineering Education, 2017

Title: Videolyzer: An Interactive Platform for Making Videos Persuasive
Sanorita Dey

Conference: Student Consortium, IUI, 2017

Title: Know your Surroundings with an Interactive Map
Sanorita Dey

Conference: Doctoral Consortium, IUI, 2015

Title: Study the Effect of Allocentric and Egocentric Interfaces in Indoor Navigation
Sanorita Dey, John Lee, Karrie Karahalios, Wai-Tat Fu

Conference: Boster, HCIC, 2014

Title: AccelPrint: Imperfections of Accelerometer Make Smartphones Trackable
Sanorita Dey, Nirupam Roy, Wenyuan Xu, Romit Roy Choudhury, Srihari Nelakuditi

Conference: NDSS, 2014

Poster

Title: Leveraging Imperfections of Sensors for Fingerprinting Smartphones (Poster)
Sanorita Dey, Nirupam Roy, Wenyuan Xu, Srihari Nelakuditi

Conference: HotMobile, 2013

Title: Mitigating Distractions from Smartphones (Poster)

Connor Bain, Sanorita Dey, Romit Roy Chowdhury, Srihari Nelakuditi

Conference: HotMobile, 2013

Selected Honors

- Dissertation Completion Fellowship, 2018
(22 fellowships awarded across all the departments in the campus in 2018)
- Adobe Digital Marketing Research Award, 2016
- Outstanding thesis award for MS thesis at the University of South Carolina
- SPARC Graduate Fellowship Award, 2013 presented by the Office of Vice President for Research, University of South Carolina
- Best poster award in HotMobile 2013
- 18th rank out of around 2,00,000 students in the board exam of 12th standard

Teaching Assistantship

- CS465, User Interface Design Spring 2015 - Spring 2017
- CS461, Computer Security I Fall 2014
- CS498, Smartphone Computing and Appl. Fall 2013
- CSCE145/146, Algorithmic Design I and II Fall 2011, 2012

Industry Experience

- Adobe Systems Incorporated**
Data Science Research Intern Spring 2018
- Cognizant Technology Solutions**
Associate Projects Spring 2011
- Tata Consultancy Services**
System Engineer (British Telecom) Fall 2007 - Fall 2010

Activities

- Invited reviewer at CHI and CSCW
- Web Chair, ICHI, 2016
- Organizer of N2Women workshop at MobiHoc 2012
- Invited judge of the poster session on the Graduation Day, 2012

**References
Available To
Contact**

Dr. Wai-Tat Fu, Associate Professor, University of Illinois at Urbana-Champaign

- PhD advisor

Dr. Karrie Karahalios, Associate Professor, University of Illinois at Urbana-Champaign

- PhD Co-advisor

Dr. Romit Roy Chowdhury, Associate Professor, University of Illinois at Urbana-Champaign

- Coauthor, Internship supervisor

Dr. Srihari Nelakuditi, Associate Professor, University of South Carolina

- MS advisor