

# Meethu Malu

Human-Computer Interaction Lab, Department of Computer Science,  
University of Maryland, College Park, MD  
meethu@cs.umd.edu

## Research Interests

Human-computer interaction (HCI); accessibility; wearable technology; interaction design

## Education

- Ph.D. student, Department of Computer Science** (*Interest: Human-computer interaction*) Aug 2013 – Dec 2018  
University of Maryland, College Park, MD (*expected*)  
Advisor: Dr. Leah Findlater
- Master of Engineering, Computer Science** Jan 2010 – Jan 2011  
Cornell University, Ithaca, NY  
Advisor: Dr. Dan Cosley
- Bachelor of Engineering, Computer Engineering** Aug 2005 – Aug 2009  
Sardar Patel Institute of Technology, Mumbai, India

## Conference Papers

- C.7 **Meethu Malu** and Leah Findlater. *Sharing Automatically Tracked Activity Data: Implications for Therapists and People with Mobility Impairments.* 2017  
Proceedings of **Pervasive Health 2017** | Acceptance Rate: 25% (29/116)
- C.6 **Meethu Malu** and Leah Findlater. *Toward Accessible Health and Fitness Tracking for People with Mobility Impairments.* 2016  
Proceedings of **Pervasive Health 2016** | Acceptance Rate: 35% (30/86)
- C.5 **Meethu Malu** and Leah Findlater. *Personalized, Wearable Control of a Head-mounted Display for Users with Upper Body Motor Impairments.* 2015  
Proceedings of **CHI 2015** | Acceptance Rate: 23% (486/2120)
- C.4 Karen Rust, **Meethu Malu**, Lisa Anthony, Leah Findlater. *Understanding Child-Defined gestures and children's mental models for touchscreen tabletop interaction.* 2014  
Proceedings of **IDC 2014** | Acceptance Rate: 31% (18/59)
- C.3 Karen Rust, Elizabeth Foss, Elizabeth Bonsignore, Brenna McNally, Chelsea Hordatt, **Meethu Malu**, ...: *Interactive and live performance design with children.* 2014  
Proceedings of **IDC 2014** | Acceptance Rate: 31% (18/59)
- C.2 Eric P. S. Baumer, ... **Meethu Malu**, ...: CHI 2039: speculative research visions. 2014  
Proceedings of **CHI Extended Abstracts 2014** | Acceptance Rate: 23% (465/2043)
- C.1 Hanlu Ye, **Meethu Malu**, Uran Oh, Leah Findlater. *Current and future mobile and wearable device use by people with visual impairments.* 2014  
Proceedings of **CHI 2014** | Acceptance Rate: 23% (465/2043)

## Poster Papers

- P.2 **Meethu Malu**, Leah Findlater. "OK Glass?" A Preliminary Exploration of Google Glass for Persons with Upper Body Motor Impairments. Proceedings of **ASSETS 2014** 2014
- P.1 **Meethu Malu**, Nikunj Jethi, Dan Cosley. *Encouraging personal storytelling by example.* Proceedings of **iConference 2012** 2012

## Workshop Papers

- W.1 Amit Sharma, **Meethu Malu**, and Dan Cosley. *Popcore: A system for network-centric recommendations.* 2011  
Proceedings of 3rd Workshop on Recommender Systems and the Social Web

## Talks and Presentations

- T.9 Sharing Automatically Tracked Activity Data: Implications for Therapists and People with Mobility May 2017

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T.8	Impairments. <a href="#">Pervasive Health 2017, Barcelona, Spain</a>	
T.8	Toward Accessible Health and Fitness Tracking for People with Mobility Impairments. <a href="#">Guest Lecturer for “Introduction to Research Methods” course at University of Maryland, College Park</a>	Nov 2016
T.7	Interactive Computational Tools for Accessibility: Health and Fitness Tracking for Mobility Impaired Users. <a href="#">Diversity in Computing Summit, College Park, Maryland</a>	Nov 2016
T.6	Toward Accessible Health and Fitness Tracking for People with Mobility Impairments. <a href="#">33<sup>rd</sup> Annual HCIL Symposium, College Park, Maryland</a>	May 2016
T.5	Toward Accessible Health and Fitness Tracking for People with Mobility Impairments. <a href="#">Pervasive Health 2016, Cancun, Mexico</a>	May 2016
T.4	Personalized, Wearable Control of a Head-mounted Display for Users with Upper Body Motor Impairments: <a href="#">CHI 2015, Seoul, South Korea</a>	Apr 2015
T.3	“OK Glass?” A Preliminary Exploration of Google Glass for Persons with Upper Body Motor Impairments. <a href="#">Maryland Center for Women in Computing (MCWIC), UMD</a>	Nov 2014
T.2	“OK Glass?” A Preliminary Exploration of Google Glass for Persons with Upper Body Motor Impairments. <a href="#">ASSETS 2014, Rochester, NY</a>	Oct 2014
T.1	Current and Future Mobile and Wearable Device Use by People with Visual Impairments. <a href="#">31st Annual HCIL Symposium, College Park, Maryland</a>	May 2014

### Awards and Fellowships

CRA-W Grad Cohort Workshop Participation Grant. <a href="#">San Diego, CA</a>	Apr 2016
Second Place in ‘ <i>evoHaX Accessibility Hackathon</i> .’ <a href="#">Philadelphia, PA</a>	Oct 2015
Grand Prize (1/144) for low-tech science project on Instructables. <a href="#">Web</a>	Jun 2014
John D. Gannon Scholarship Travel Fund. <a href="#">University of Maryland, College Park</a>	Nov 2013
Dean’s Fellowship. <a href="#">University of Maryland, College Park</a>	2013-2015

### Research and Work Experience

<b>User Experience Research Intern</b> , New York City, NY <a href="#">Google Inc.</a> , Host: <a href="#">Victoria Schwanda Sosik</a>	May 2017 – Aug 2017
<b>Graduate Research Assistant</b> , University of Maryland, College Park Advisor: <a href="#">Dr. Leah Findlater</a>	Fall 2014/15/16
<b>Senior User Experience Designer</b> , TechVed Consulting, India Clients: <a href="#">Oracle Financial Services Software</a> , <a href="#">Quikr</a> , <a href="#">StudyBuddy</a>	Nov 2012 – Jul 2013
<b>Research Intern</b> , Cornell University Advisor: <a href="#">Dr. Dan Cosley</a>	Jan 2011 – May 2012
<b>Technology Analyst</b> , New York City, NY <a href="#">Bank of America</a>	Jun 2010 – Aug 2010

### Teaching Experience

CMSC434 – Introduction to HCI, University of Maryland	Spring 2014, 2017
CMSC122 – Introduction to Computer Programming via the Web, University of Maryland	Fall 2016
CMSC132 – Object-oriented Programming II, University of Maryland	Summer 2016
CMSC131 – Object-oriented Programming I, University of Maryland	Fall 2013, Spring 2015
NBA6010 – Electronic Commerce, Cornell University	Spring 2011

### Service

Volunteer Instructor for <i>Girls Who Code Club</i> at Montgomery Blair High School	Oct 2016 – Dec 2016
Peer Reviewer for CHI 2016	Oct 2015
Peer Reviewer for ASSETS 2015	Jun 2015
Student Volunteer for SIGCHI 2015 at Seoul, South Korea	Apr 2015

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Student Volunteer for HCIL Annual Symposium

May 2014/2016

Admissions contact for new PhD students, University of Maryland

Feb 2014, 2015

Panelist for 'Peer Counseling' for new PhD students, University of Maryland

Sep 2014-2016

Panelist for 'Q&A Visit Day' for new PhD students, University of Maryland

Mar 2014

### Skills

**Research Methods:** Qualitative Methods (Surveys, User Interviews), Controlled Lab Experiments, Affinity Diagrams, Open Coding, Usability Testing, Heuristic Evaluations, Prototyping

**Applications:** Axure, Balsamiq, Adobe Photoshop, Adobe Dreamweaver

**Languages:** Java, Arduino, HTML, CSS, MySQL, Python