Sarthak Ghosh GRA, Ubicomp Lab.

Education

Georgia Institute of Technology|Atlanta, GA
Master's in Human Computer Interaction| 4.0/4.0
Aug 2015
Present

BITS Pilani University|Hyderabad, India
Electrical and Electronics Engineering| 9.74/10
Aug 2010
July 2014

Looking for a summer internship in UX research, design and engineering

Current Projects

MusiSkate: enhancing the skateboarding experience
Ideation, interaction design and prototyping

Sonified Fantasy Soccer: bringing accessibility to play
Research, needs analysis, and interaction design

Pick&Drop: encouraging car-sharing activity
Ideation, wireframing, prototyping and testing

Skills

Research	Programming
Contextual inquiry	C
Survey Design	C++
Needs Analysis	HTML+CSS
Affinity Diagramming	Javascript
Cognitive Walkthrough	PHP+MySQL
Market research	Java
User testing	
Statistical analysis	

Design	IDEs
Pencil sketching	Qt Creator
Balsamiq	Visual Studio
Mind Mapping	Android Studio
Adobe Suite	Arduino
Autodesk 123D	Processing
Camtasia	MPLAB X

Experience

National University of Singapore|Singapore
HCI Research Intern
Oct 2014
Apr 2015
Conducted research, designed and implemented a new interaction paradigm, such that the thumb can be used to enhance index finger based mobile interactions.

Telecom ParisTech|Paris, France
Bachelor Thesis intern
Jan 2014
Jun 2014
Created a novel smart-home experience where household appliances can be controlled using projected interfaces. Project was accepted at CHI 2015, as a work in progress

Max Planck Institute for Informatics|Germany
DAAD WISE Scholar
May 2013
Jul 2013
Worked in the HCI team, to design and test keys for a novel physical keyboard such that each key can have multiple depth levels and dynamically changing force-feedback.

Relevant Coursework

Human Computer Interaction
Psychological Research Methods
Sonification Lab Studio
Mobile Apps and Services (spring 2016)
Data-Analytics for Health (spring 2016)

Portfolio & Contact

www..sarthakg.in/portfolio
sarthak..ghosh@gatech.edu
+1 470 263 1531

Achievements

- 2nd Place AT&T hackathon, 2015- best use of Harman API
- Graduated at the top of my EE class from BITS Pilani
- 8 Times Merit Scholarship winner, BITS Pilani
- Artwork displayed at Times Square, New York, 2012
- Head of art-department at BITS Pilani National festival Atmos
- 2nd Place in Western Acoustic Jam, Pearl National Festival