Shubhangi Gupta

Ph.D. student, Digital Media,
Georgia Tech

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EDUCATION

Georgia Institute of Technology   Aug'20 - Present
Ph.D. in Digital Media

Georgia Institute of Technology   Aug'18 - May'20
Master of Science in Human-Computer Interaction

Indian Institute of Technology, Guwahati   Jul'14 - May'18
Bachelor of Design

PUBLICATIONS

Design Challenges for Science Games
A. Anupam, R. Gupta, **S. Gupta**, Z. Li, N. Hong, A. Naeemi, N. Parvin
International Journal of Designs for Learning 11 (1), 1-20

Beyond Motivation and Memorization: Fostering Scientific Inquiry with Games
A. Anupam, **S. Gupta**, A. Naeemi, N. Parvin
ACM CHI PLAY, 2019

Bringing Shades of Feminism to Human-Centered Computing
M. Narvilkar, J. Mangiameli, A. Garcia, A. Ismail, D.Schiff, D.Schechter, J. Chen, K. Bhat, M. Villacres,
A. Vasudeva, A. Ramesh, M. Dye, N. Karusala, P. Singh, S. Murthy, **S. Gupta**, U.Lakshmi, N. Kumar
CHI (alt.chi), 2019

Social Sustainability of Online Instant Messaging Platform—WhatsApp
S. Gupta, P. Upadhyay
Research into Design for a Connected World, 2019

INTERNSHIPS

Striim Inc., Palo Alto   May'19 - Jul'19
User Research and Experience Design Intern

Researched the needs and redesigned the home page and on-boarding experience
of the Striim platform. Designed a 'Sketch' library to help designers create consistent
designs with ease and efficiency.

Research Laboratory in Computer Science (LRI),   May '17 - Jul '17
Université Paris-Sud
Interaction Design Intern
Mentors: Prof. Michel Beaudouin-Lafon & Prof. Wendy Mackay

Designed an interface comprising a table top and a wall-sized display showing content on 100 top scientists of the University of Paris, Saclay by conducting participatory design activities followed by expert testing.

Microsoft Research India, Bangalore   Jan'17 - Mar'17
User Research and Interaction Design Intern

Performed use research to design a mobile application that enables users to obtain second opinion online from renowned medical experts.

Innovation, Design Study and Sustainability Laboratory (IDeaS Lab)   May '16 - Jul '16
Indian Institute of Science, Bangalore
Design Research Intern
Mentor: Prof Amaresh Chakrabarti

Conducted research in design methodology to develop a tool named "InDeaTe" to provide designers a platform to design products, manufacturing systems and service systems using a systematic approach.

POSITIONS HELD

Graduate Partner, Women Science and Technology Learning Community   Aug'19 - present
Georgia Institute of Technology

Providing logistics support, including mentoring/tutoring WST Learning Community students in support of WST goals and projects

PROJECTS

Data for safety in India   Aug'20 - Present
Mentor: Dr. Nassim Parvin, Georgia Tech

Critically examining the role of data in the design and use of emerging technologies in India with the goal of challenging the prevelant discriminatory structures of society.

Collective Care: From 'independence' to 'inter-dependence'   Aug'19 - May'20
Mentor: Dr. Nassim Parvin, Georgia Tech

Questioned the assumptions made by AI monitoring technologies when designing for elderly care. Highlighted the need to re-imagine design for elderly care and suggested inputs.

Heart Sense, Design and Development (http://www.heart.gatech.edu/)   Aug'18 - Present
Mentor: Dr. Nassim Parvin, Georgia Tech

Designing a feminist visualization of the physiological data (heart rate, respiration, sweat rate) of our bodies. Rapidly prototyping multiple visualizations of the system.

Misinformation on Social Media   Dec'18 - Present
Mentor: Dr. Neha Kumar, Georgia Tech

Evaluating the spread of misinformation on WhatsApp in India. Studying the heuristics used by active users for validating the authenticity of the data received.

TALKS

Presented a talk on 'Concerns about the Promises of AI Tutors: A Case Study of MATHia' at the Society for Social Studies of Science 2020.

ACHIEVEMENTS

Poster for 'Collective Care: From 'independence' to 'inter-dependence' accepted at Tapia 2020

GVU People's choice award runner up Spring 2019 for Heart Sense (http://www.heart.gatech.edu/)

GVU People's choice award runner up Fall 2019 for Psi and Delta (http://learnqm.gatech.edu/)

Grace Hopper 2019 scholarship recipient (funded by College of Computing, Georgia Tech).

Presented a demo of "Psi and Delta." in the In ACCelerate: ACC Smithsonian Creativity and Innovation Festival 2019, National Museum of American History, Washington, D.C., April 5th – 7th, 2019.

Department Rank 2 (Academics), Department of Design at IITG, 2018 batch.

IIT-JEE 2014, Amongst the top 0.2% of 1.35 million students who took the exam