

I use unobtrusively sensed multimodal data to develop socially-aware methods that can help further our understanding of human behaviors and wellbeing through contextual information

EDUCATION

Georgia Institute of Technology

Aug 2018 - present

PhD, Computer Science

Advisors: Prof. Gregory D. Abowd & Prof. Munmun De Choudhury | **Specialization:** Human-Computer Interaction

Georgia Institute of Technology

Aug 2016 - Aug 2018

MS, Human-Computer Interaction

Advisors: Prof. Gregory D. Abowd & Prof. Thomas Plötz | **Specialization:** Interactive Computing

Masters Project: *Spare a Thought: Understanding Interruptibility of Reflective EMAs*

IIIT-Delhi

Aug 2012 - May 2016

BTech, Computer Science & Engineering

Advisor: Prof. Vinayak Naik

BTech Project: *Movie Miner: Using Social Media Data for Collaborative Filtering of Movie Recommendations*

RESEARCH

A Multisensor Person-Centered Approach to Understand the Role of Daily Activities in Job Performance with Organizational Personas

IMWUT 2019

Das Swain, V., Saha, K., Rajvanshy, H., Sirigiri, A., Gregg, J., Lin, S., Martinez, G. J., Mattingly, S. M., Mirjafari, S., Mulukutla, R., Nepal, S., Nies, K. A., Reddy, M. D., Robles-Granda, P., Campbell, A., Chawla, N. V., D'Mello, S., Dey, A. K., Jiang, K., Liu, Q., Mark, G., Moskal, E., Striegel, A., Tay, L., Abowd, G. D., & De Choudhury, M.

Birds of a Feather Clock Together: A Study of Person-Organization Fit Through Latent Activity Routines

CSCW 2019

Das Swain, V., Reddy, M. D., Nies, K. A., Tay, L., De Choudhury, M., & Abowd, G. D..

Modeling Organizational Culture with Workplace Experiences Shared on Glassdoor

CHI 2020

Das Swain, V.*, Saha, K.*, Reddy, M. D., Rajvanshy, H., Abowd, G. D., & De Choudhury, M. [* Co-Primary]

Imputing Missing Social Media Data Streams in Multisensor Studies of Human Behavior

ACII 2019

Saha, K., Reddy, M. D., **Das Swain, V.**, Gregg, J. M., Grover, T., Lin, S., Martinez, G. J., Mattingly, S.M., Mirjafari, S., Mulukutla, R., Nies, K., Robles-Granda, P., Sirigiri, A., Yoo, D. W., Audia, P., Campbell, A. T., Chawla, N. V., D'Mello, S. K., Dey, A. K., Jiang, K., Liu, Q., Mark, G., Moskal, E., Striegel, A., & De Choudhury, M.

Differentiating High and Low Job Performers in the Workplace using Mobile Sensing

IMWUT 2019

Audia, P., Campbell, A., Chawla, N. V., **Das Swain, V.**, De Choudhury, M., Gao, G., Gregg, J., Grover, T., Jagannath, K., D'Mello, S., Dey, A. K., Jiang, K., Lin, S., Liu, Q., Mark, G., Martinez, G. J., Masaba, K., Mattingly, S. M., Mirjafari, S., Moskal, E., Mulukutla, R., Nies, K. A., Rho, E. H. R., Reddy, M. D., Robles-Granda, P., Saha, K., Sirigiri, A., Striegel, A., Wang, W., & Yoo, D. W.,

The Tesserae Project: Experiences with Large-Scale, Longitudinal, In Situ, Multimodal Sensing of Information Workers

CHI 2019

Mattingly, S. M., Gregg, J., Audia, P., Campbell, A., Chawla, N. V., **Das Swain, V.**, De Choudhury, M., Gao, G., Grover, T., Jagannath, K., D'Mello, S., Dey, A. K., Jiang, K., Lin, S., Liu, Q., Mark, G., Martinez, G. J., Masaba, K., Mirjafari, S., Moskal, E., Mulukutla, R., Nies, K. A., Rho, E. H. R., Reddy, M. D., Robles-Granda, P., Saha, K., Sirigiri, A., Striegel, A., Wang, W., & Yoo, D. W., [First 2 Authors, A-Z Other Authors]

Students' Experiences with Ecological Momentary Assessment Tools to Report on Emotional Well-being

IMWUT 2018
(presented UbiComp '18)

Chan, L., **Das Swain, V.**, Kelley, C., de Barbaro, K., Abowd, G. D., & Wilcox, L.

EXPERIENCE

UX Engineer Intern

May 2017 - Dec 2017

User Experience Group, Siemens Healthineers

ACHIEVEMENTS

GVU Distinguished Masters Student | Finalist

2017

JN Tata Endowment | Scholar

2016

MISCELLANEOUS

Interests | Ubiquitous Computing, Social Computing, Context-Aware Technologies, Health Sensing

Programming | C, C#, Unity3D, Java, Android, Python, Django, Flask, MySQL, MongoDB, JS, Vue

Reviewing | CHI (2019), ACII (2019), CSCW (2020), IMWUT (2020), EPJ Data Science (2020)

Languages | English, Hindi, Oriya, French (basic), Spanish (basic)