VEDANT DAS SWAIN
HUMAN-CENTERED TECHNOLOGIST

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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..

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

Engineered reusable UI components to support the construction of Clinical Decision Support (CDS) apps and other medical imaging technology interfaces, designed to be used by radiologists. Applications were showcased at RSNA 2017.

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)

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