



Hariharan Subramonyam

Assistant Professor (Research) of Education and, by courtesy, of Computer Science
Graduate School of Education

 Curriculum Vitae available Online

CONTACT INFORMATION

• Administrative Support

Kirsti Wagner - Administrative Assistant

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Bio

BIO

Hari Subramonyam is an Assistant Professor (Research) at the Graduate School of Education and a Faculty Fellow at Stanford's Institute for Human-Centered AI. He is also a member of the HCI Group at Stanford. His research focuses on augmenting critical human tasks (such as learning, creativity, and sensemaking) with AI by incorporating principles from cognitive psychology. He also investigates support tools for multidisciplinary teams to co-design AI experiences. His work has received multiple best paper awards at top human-computer interaction conferences, including CHI and IUI.

ACADEMIC APPOINTMENTS

- Assistant Professor (Research), Graduate School of Education
- Assistant Professor (Research) (By courtesy), Computer Science

HONORS AND AWARDS

- Student Design Competition 3rd Place, CHI (05/2015)
- Best Paper Award, CHI (05/2019)
- Best Paper Award, CHI (04/2020)

PROFESSIONAL EDUCATION

- Ph.D. Information, University of Michigan , Dissertation: Role of End-User Data in Co-Designing AI-Powered Applications (2021)
- B.E. Telecommunication, CMR Institute of Technology (2008)
- M.S. Information, University of Michigan , Human Computer Interaction (2015)

LINKS

- Personal Website: <https://haridecoded.com/>

Teaching

COURSES

2021-22

- Designing Explorable Explanations for Learning: EDUC 432 (Spr)

Publications

PUBLICATIONS

- **texSketch: Active Diagramming through Pen-and-Ink Annotations**
Subramonyam, H., Seifert, C., Shah, P., Adar, E., ACM
ASSOC COMPUTING MACHINERY.2020
- **Explore, Create, Annotate: Designing Digital Drawing Tools with Visually Impaired People**
Pandey, M., Subramonyam, H., Sasia, B., Oney, S., O'Modhrain, S., ACM
ASSOC COMPUTING MACHINERY.2020
- **Affinity Lens Data-Assisted Affinity Diagramming with Augmented Reality**
Subramonyam, H., Drucker, S. M., Adar, E., Assoc Comp Machinery
ASSOC COMPUTING MACHINERY.2019
- **SmartCues: A Multitouch Query Approach for Details-on-Demand through Dynamically Computed Overlays** *IEEE TRANSACTIONS ON VISUALIZATION AND COMPUTER GRAPHICS*
Subramonyam, H., Adar, E.
2019; 25 (1): 597-607
- **Designing Interactive Intelligent Systems for Human Learning, Creativity, and Sensemaking**
Subramonyam, H., ACM
ASSOC COMPUTING MACHINERY.2019: 158-161
- **TakeToons: Script-driven Performance Animation**
Subramonyam, H., Li, W., Adar, E., Dontcheva, M., Assoc Comp Machinery
ASSOC COMPUTING MACHINERY.2018: 663-674
- **The application of ecological momentary assessment and geolocation to a longitudinal twin study of substance use**
Brazel, D., Corley, R., Phelan, C., Frieser, M., Subramonyam, H., Rhea, S., Vernier, H., Hewitt, J., Resnick, P., Vrieze, S.
SPRINGER.2017: 676-677
- **Agency in Assistive Technology Adoption: Visual Impairment and Smartphone Use in Bangalore**
Pal, J., Viswanathan, A., Chandra, P., Nazareth, A., Kameshwaran, V., Subramonyam, H., Johri, A., Ackerman, M. S., O'Modhrain, S., ACM
ASSOC COMPUTING MACHINERY.2017: 5929-5940