

# Shashank Ahire

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## Research Interests

- Human Computer Interaction
- Artificial Intelligence
- Machine Learning

## Education

- 2018 – 2019 **Masters in Research**, *Swansea University*, Swansea, UK.  
Thesis **Human vs AI answers for the smart speakers**  
Supervisor Prof. Matt Jones
- 2010 – 2013 **Bachelor of Computer Engineering**, *Mumbai University*, 6.56/10.  
Project **Media Player for semi-literate users in India**  
Supervisor Prof. Bharti Joshi
- 2007 – 2010 **Diploma in Computer Engineering**, *K.J.S Polytechnic*, 7/7.  
Project **Developing interface for Ticket Vending Machine**  
Supervisor Prof. S.G.Kolte

## Project Work

- Feb '17 – **Reshaping the Future**, Swansea university.  
Aug '18 **Supervisor:** Prof. Matt Jones  
Longitudinal qualitative investigation of the prototypes.  
Conducted participatory design workshops and exploratory lab studies.
- Oct '15 – Jan '17 **Inclusive Design and Service Design Patterns**, IIT Bombay.  
**Supervisor:** Dr. Charudatta Jadhav  
Discovered security problems through contextual inquiry on Android.  
Executed think-aloud to investigate the usability issues on Android.  
Designed experiments for qualitative and quantitative studies.
- May '14 – **Standardization of Virtual Keyboard**, IIT Bombay.  
Sept '15 **Supervisor:** Prof. Anirudha Joshi  
Led statistical analysis on keyboard evaluation study data.  
Contributed in design and development of *Swarachakra* Android apps.  
Directed quantitative evaluation of virtual keyboards.

## Work Experience

- May'14 – **Research Associate**, Interaction Design for Indian Needs lab, Industrial Design Center, IIT Bombay.  
Aug'18  
Supervisor Prof. Anirudha Joshi

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## Awards and Achievements

- CHI **Honorable Mention**, award at CHI 2019 and CHI 2017 conference.  
INTERACT **Best paper award**, at Interact 2017 conference.  
IndiaHCI **Best paper award**, at IndiaHCI 2015 conference.

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## Skills

- Research Qualitative and Quantitative Research, Statistical Analysis, User Research, Interface Design, Heuristic Evaluation, Experiment Design and User Experience  
Technical Python, R, Java, C/C++, SQL, HTML, CSS.  
Software Android studio, Anaconda Navigator, IBM SPSS, R Studio, Adobe InDesign.

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## Relevant Publication

- CHI'19 **StreetWise: Smart Speakers vs Human Help in Public Slum Settings**, *Jennifer Pearson, Simon Robinson, Thomas Reitmaier, Matt Jones, Shashank Ahire, Anirudha Joshi, Deepak Sahoo, Nimish Maravi, and Bhakti Bhikne*, In Proceedings of the 2019 CHI Conference on Human Factors in Computing Systems.
- CHI'18 **Make Yourself at Phone: Reimagining Mobile Interaction Architectures With Emergent Users**, *Simon Robinson, Jennifer Pearson, Thomas Reitmaier, Shashank Ahire, and Matt Jones*, In Proceedings of the 2018 CHI Conference on Human Factors in Computing Systems.
- INTERACT'17 **Performance of Accessible Gesture-Based Indic Keyboard**, *Anu Bharath P., Jadhav C., Ahire S., Joshi M., Ahirwar R., Joshi A*, Human-Computer Interaction - INTERACT.
- MobileHCI'16 **Does prediction really help in Marathi text input?: empirical analysis of a longitudinal study**, *Girish Dalvi, Shashank Ahire, Nagraj Emmadi, Manjiri Joshi, Anirudha Joshi, Sanjay Ghosh, Prasad Ghone, and Narendra Parmar*, In Proceedings of the 18th International Conference on Human-Computer Interaction with Mobile Devices and Services.
- INTERACTION **Interaction design for Indian needs**, *Shashank Ahire, Girish Dalvi, Manjiri Joshi, and Anirudha Joshi*, Interactions 22, 5 (August 2015)..

[Google Scholar](#)

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## Extra-Curricular Activities

- Sports Active **Swimmer**, regular participant in swimathon events  
Hobbies Creative crafts like **Pottery**

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## References

Name	<a href="#">Prof. Matt Jones</a>	<a href="#">Prof. Anirudha Joshi</a>
Designation	Head of Science	Professor
Organization	Swansea University	IIT Bombay
Email	<a href="mailto:matt.jones@swansea.ac.uk">matt.jones@swansea.ac.uk</a>	<a href="mailto:anirudha@iitb.ac.in">anirudha@iitb.ac.in</a>