







Dhruv Jain

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Education

- 2017 – UNIVERSITY OF WASHINGTON, SEATTLE
PHD, Computer Science and Engineering
- 2014 – 2016 MIT MEDIA LAB
Masters, Media Arts and Sciences
GPA: 5.0/5.0, President of MIT Scuba Club
- 2009 – 2013 INDIAN INSTITUTE OF TECHNOLOGY, DELHI
Bachelors, Computer Science and Engineering
GPA: 9.32/10.0, Class Rank: 3/81, **best bachelors thesis**

Publications

- 2016 **ACM UIST**
 **Jain**, Sra, Gro, Marques, Wu, Chiu, and Schmandt
Immersive Scuba Diving Simulator Using Virtual Reality
MIT council of arts grant (\$4k), extensive press coverage
- 3 Sra, **Jain**, Caetano, Calvo, Hilton, and Schmandt
Resolving Spatial Variation And Allowing Spectator Participation In Multiplayer VR
- 2016 **ACM CHI**
 **Jain**, Sra, Gro, Marques, Wu, Chiu, and Schmandt
Immersive Terrestrial Scuba Diving Using Virtual Reality
extensive press coverage
- 1 **Jain**, Babbitt, Canning, and Willmer-Shiles
Towards Interactive Force-Sensitive Digitally Encoded Materials for Architectural Models and Construction
- 2015 **PERSUASIVE**
2 **Jain**, and Schmandt
JogCall: Persuasive System for Couples to Jog Together
- 2015 **ACM CHI**
 **Jain**, Findlater, Gilkeson, Holland, Duraiswami, Zotkin, Vogler, and Froehlich
Head-Mounted Display Visualizations to Support Sound Awareness for the Deaf and Hard of Hearing
Google faculty research award (\$90k)
- 2014 **ACM ASSETS**
2 **Jain**
Pilot Evaluation of a Path-Guided Indoor Navigation System for Visually Impaired in a Public Museum
- 1 **Jain**
 Path-guided indoor navigation for the visually impaired using minimal building retrofitting
Samsung university relations grant (\$25k), IIT Delhi alumni award (₹200k), best bachelors thesis (₹10k), extensive press coverage
- 2013 **ACM ASSETS**
3  **Jain**, Jain, Paul, Komarika, and Balakrishnan
A path-guided audio based indoor navigation system for persons with visual impairment
extensive press coverage
- 2013 **ASME/IEEE MESA**
2 Singhal, Jain, Chanana, **Jain**, Paul, Balakrishnan, and Rao
Application of Shape Memory Alloy (SMA) based actuation for refreshable display of braille
- 2013 **COMSNETS**
1 **Jain**, Gupta, Gautam, Kumar, Ribeiro, and Sharma
Whitespace networks for vehicular communication
- 2012 **TRANSED**
 **Jain**, Agrawal, Maheshwari, Mittal, Balakrishnan, Rao, and 11 others
Design and user study of an affordable cellphone based indoor navigation system for visually impaired
best paper award, extensive press coverage

Appointments

- 2013 – **WORLDWIDE EDUCATION OUTREACH INITIATIVES**
Faculty and organizing member for design and innovation workshops in India ('13, '14, '15, '16, sponsored by MIT India, TechTop, Samsung, ICICI Bank), Mexico ('16, sponsored by CDC Mexico) and France ('17, sponsored by MIT France, Grenoble École de Management).
- 2015 – 2016 **GOOGLE LIME SCHOLAR**
Among 12 disabled students selected in the US for this prestigious scholarship (\$10k).
- 2011 – 2014 **RESEARCH INTERNSHIPS**
University of Maryland-College Park (Summer 2014), Microsoft Research-India (Fall 2013), Packard Foundation (Summer 2013), University of Wisconsin-Madison (Summer 2012), Stanford India Bidesign (Winter 2011-2012)