

Ramik Sadana

CS PhD, Georgia Institute of Technology
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My research interests are in adapting new interface technologies to create human-centered solutions. I currently lead Uber's core investment in Augmented Reality. My dissertation research focused on information visualization, specifically on systems for analyzing data on multi-touch interfaces.

Currently

Senior Engineer (Research)

Uber Technologies, San Francisco, CA

July 2017 – now

Area lead, Augmented Reality

2017 – now

Tech lead, Accessibility

2020 – now

Education

Ph.D. CS – Human-Computer Interaction

2017

Georgia Tech, Atlanta, Georgia

Advisor: John Stasko

Thesis: Data Visualization on Tablet Devices

M.S. Human-Computer Interaction

2012

Georgia Tech, Atlanta, Georgia

M.S. (Integrated) Economics

2010

Indian Institute of Technology, Kanpur, India

Past Experience

Tableau Research, Palo Alto, CA

May – Aug 2015

Research Intern, Mentor: Vidya Setlur, Jock Mackinlay

Google Research, Mountain View, CA

May – Dec 2014

Research Intern, Mentor: Yang Li

Adobe Research, San Jose, CA

May – Aug 2013

Research Intern, Mentor: Bongwon Suh, Eunyee Koh

Microsoft Research, Redmond, WA

May – Aug 2012

Research Intern, Mentor: Danyel Fisher, Steven Drucker

Select Publications

- 2016 R. Sadana and Y. Li, "*Gesture Morpher: Video-based Retargeting of Multi-touch Interactions*" *MobileHCI'16*, Florence, Italy, Sep. 2016
- 2016 R. Sadana and J. Stasko, "*Designing Multiple Coordinated Visualizations for Tablets*" *Eurovis'16*, Groningen, Netherlands, June 2016
- 2014 R. Sadana, T. Major, A. Dove, J. Stasko, "*OnSet: A Visualization Technique for Large-scale Binary Set Data*", *IEEE VIS'14*, Paris, France, Nov. 2014
- 2014 R. Sadana and J. Stasko, "*Designing and Implementing an Interactive Scatterplot Visualization for a Tablet Computer*" *AVI'14*, Como, Italy, June 2014
- 2013 S. Drucker, D. Fisher, R. Sadana, J. Herron, m. c. schraefel, "*TouchViz: A case study comparing two interfaces for Data Analytics on Tablets*", *CHI'13*, Paris, France, May 2013

Select Talks

- 2015 'A bit about touch' at *OpenVIS 2015*, Boston, MA, April 2015
- 2013 'Data + Touch: Explorations and Opportunities' at workshop on 'Mobile and Breaking News: New Challenges for News Information Visualizations', *IEEE VIS'13*, Atlanta, GA, Oct. 2013

Skills & Tools

- Development Swift, Java, Objective-C, Python, C#, C++
- Prototyping Unity, D3, JavaScript, Processing, Figma, Cinder, Arduino

Awards

- 2015 Google Faculty Research Award (with advisor John Stasko)
- 2013 – 2014 Adobe Student Research Grant