

# Tarique Siddiqui

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## EDUCATION

- Ph.D. in Computer Science Aug 2016 —  
University of Illinois, Urbana Champaign (UIUC)  
Advisor: Aditya Parameswaran  
Interests: Systems for Visual and Interactive Data Analytics
- MS in Computer Science Aug 2014 – Jul 2016  
University of Illinois, Urbana Champaign (UIUC)  
Advisors: Aditya Parameswaran, Jiawei Han  
Siebel Scholar (Awarded to 33 graduate students among top 8 CS schools)
- B-Tech, Computer Engineering Jul 2007 – Jun 2011  
National Institute of Technology  
Kurukshetra, India  
GPA: 9.70/10.00  
Academic Excellence Award 2009, 2010, 2011

## EXPERIENCE

- Research Assistant, Computer Science Jan 2015 —  
University of Illinois, Urbana Champaign (UIUC)  
Visual and Interactive Data Analytics
- Research Intern, Tableau Research May 2016 – Jul 2016  
Interactive Data analysis
- Teaching Assistant, Computer Science Aug 2014 – Dec 2015  
University of Illinois, Urbana Champaign (UIUC)  
Human in Loop Data Management Fall 2015  
Advanced Data Management Spring 2015  
Systems Programming Fall 2014
- Technology Analyst, Goldman Sachs Jun 2011 – Jul 2014  
Complex Event Processing, Telemetry, Systems and Networking
- Summer Intern, General Electric Research May 2010 – Aug 2010  
Interactive Data analysis

## PUBLICATIONS

- **Tarique Siddiqui**, A Kim, J Lee, K Karahalios, A Parameswaran. Effortless data exploration with zenvisage: an expressive and interactive visual analytics system. *43rd International Conference on Very Large Data Bases (VLDB), Munich, Germany. September 2017*
- **Tarique Siddiqui**, John Lee, Albert Kim, Edward Xue, Xiaofu Yu, Sean Zou, Lijin Guo, Changfeng Liu, Chaoran Wang, Karrie Karahalios, Aditya Parameswaran. Fast-forwarding to Desired Visualizations with Zenvisage. *CIDR '17: Conf. on Innovative Data Management (CIDR), Chaminade, USA, 2017*
- **Tarique Siddiqui**, X. Ren, Aditya Parameswaran, and Jiawei Han. FacetGist: Collective Extraction of Document Facets in Large Technical Corpora. *CIKM '16: 25th Int'l Conf. on Information and Knowledge Management, Indianapolis, USA, 2016.*
- M. Vartak, S. Huang, **Tarique Siddiqui**, S. Madden, and A. Parameswaran. Towards Visualization Recommendation Systems, SIGMOD Record, December 2016.
- A Kim, L Xu, **Tarique Siddiqui**, S Huang, S Madden, A Parameswaran. Speedy browsing and sampling with needletail. arXiv preprint arXiv:1611.04705

## AWARDS & SCHOLARSHIPS

- **Siebel Scholar**, Class of 2016 – awarded annually for academic excellence and demonstrated leadership to 93 top students including 33 Computer Science students from the world's leading graduate schools.
- Academic Excellence Award, NIT Kurukshetra for three consecutive years 2009, 2010, 2011.
- National Talent Search Scholar Award, India, 2005
- IDB Scholarship for interest free loans in undergraduate courses.

- First in state for the Senior Secondary Exam, 2007; ranked in top .1% merit list for Computer science and Physics in India.
- AFMI Gold Medal for excellent performance in Senior Secondary Exam, 2007

**INTERESTS**

Database systems, Interactive data analytics, Query languages, Data mining, Human computer interaction, Information extraction

**REFERENCES**

- Aditya Parameswaran  
Assistant Professor  
Computer Science, UIUC
- Jiawei Han  
Professor  
Computer Science, UIUC
- Karrie G. Karahalios  
Associate Professor  
Computer Science, UIUC