Piyush Kumar

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Biographical Information

1. Name: Piyush Kumar

2. Citizenship: United States.

3. Research Interests: Design and Analysis of Algorithms, Computational Geometry, Optimization, Computer Graphics, Databases, Pattern Recognition and Machine Learning.

4. Academic Degrees

   - *Ph.D.*: Computer Science
     Stony Brook University, NY (Aug 2004)
     Thesis Title: Clustering and Reconstructing Large Data Sets.

   - *Master of Science*: Computer Science
     Stony Brook University, NY (Aug 2003)
     Thesis Title: Cache oblivious algorithms.

   - *Bachelor of Science*: Mathematics and Computing
     Indian Institute of Technology (IIT), Kharagpur, India, 1999
     Thesis Title: Simplifying polygonal approximations of 2D shapes.

5. Awards

   - *Fulbright Scholar Award, Fulbright Foundation, 2015-16*
   - *NSF ICorps Award*, NSF, 2012 ($50k)
   - *Developing Scholar Award*, FSU, 2011. ($10k)
   - *Young Investigator Award (US Air Force Office of Research)*, 2010. ($360k)
   - *ACM Senior Member, 2010*
   - *Nominated for University Teaching Award*, FSU. 2009, 2010.
   - *FSU Innovator Award.* 2008.
   - *NSF CAREER Award.* Jan 2007. ($ 416k)
   - *First Year Assistant Professor Award*, FSU. Summer 2005. ($ 14k)

6. Academic Positions

   - Fulbright Scholar, Department of Computer Science, IIT Delhi. 2015-2016.
   - Associate Professor, Department of Computer Science, FSU. Aug 2010-Present.
   - Assistant Professor, Department of Computer Science, FSU. Aug 2004-Aug 2010.
   - Visiting Scientist, Max-Planck-Institut für Informatik (MPI), Germany. 2001-2002.

7. Other Professional Positions

   - President, CompGeom Inc., Tallahassee, FL. 2011-
   - ACM Faculty Representative for the FSU ACM Chapter. 2006-2011.
   - Project Assistant, TDM-CNIA, IIT Kharagpur. India. 1996-1999.
   - Part time programmer, ArtWork Inc. USA. Spring 1999.
   - Summer Internship, Tata Institute of Fundamental Research. India. 1999.

8. Professional society memberships: ACM Senior Member, ACM Lifetime Member.

Research, Training & Creative Activity

Refereed Publications: > 25.
Total Citations: > 1000 (Source: Google Scholar).
Total Funding brought in : > $1.2 million.
PhD students graduated: 3
MS students graduated: 8
Current PhD students: 5
Current Group Memberships: FSU-FAMU CISCOR Group (Robotics), FSU Compustat.
Total number of students taught: > 1000.
Total number of talks given internationally: > 50.