

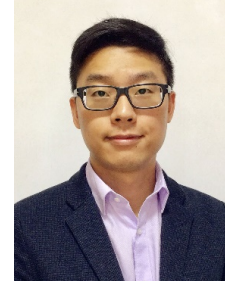
New Tenure-Track Faculty Hires



Nirman Kumar
Algorithms
PhD, University of Illinois,
Urbana-Champaign, 2014



Thomas Watson
Theoretical computer science
PhD, University of California,
Berkeley, 2013



Kan Yang
Security and privacy
PhD, City University of Hong
Kong, 2013

Research Highlights

- Department total of over \$40M in funded research projects, covering cyber security, software engineering, mobile sensing, dialogue-based intelligent systems, networking, and theory.
- Headquarters of the NIH MD2K Center of Excellence (<https://md2k.org/>) led by Prof. Santosh Kumar, with over \$32M of funding. MD2K software platform (ACM SenSys 2017 paper) is used at ten US sites to collect 3 TB of mobile sensor data from over 100,000 person-days.
- Papers published at top venues including CHI, FOCS, FSE, ICML, IJCAI, SenSys, UbiComp.
- PhD student Austin Henley and Prof. Scott Fleming received ACM SIGSOFT Distinguished Paper Award at FSE 2016 and Best Paper Award at VL/HCC 2016.

Student and Alumni Highlights

- ACM student chapter received an igniteCS grant from Google to run a 5-week Tigers Tech Expedition program for pre-college students in Spring 2017.
- Undergraduate Kareem Dasilva won the 2016 National BPDA Mobile App Showcase.
- Student team from the Center for Information Assurance led by Prof. Dipankar Dasgupta competed against 200+ teams and placed 11th in the 2016 NSA Codebreaker Challenge.
- Five graduate students attended the 2017 CRA-Women Grad Cohort Workshop.
- Students and alumni have secured internships and full-time positions at Google, Amazon, Facebook, IBM Research, Intel, and Samsung Research.
- Sidney D'Mello (PhD 2009) joined University of Colorado as an associate professor.

Other Highlights

- Established a new Diversity in Computer Science scholarship for undergraduate students.
- NSA/NSF-funded GenCyber boot camps in Summer 2017 hosted nearly 100 students.
- Department hosted Creative Game Design Camp for high school students.
- Prof. Vasile Rus served on the Paris-based Organization for Economic Cooperation and Development (OECD) Panel of Experts on "Computers and the Future of Skill demand".
- MD2K was featured as Cover Story on MIT Technology Review.
- Professor Emeritus Stan Franklin's LIDA AI system was featured in an NBC News article.