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.
• 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.