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UCI Donald Bren School of Information & Computer Sciences

NEW FACULTY

2023

UCI Donald Bren School of Information & Computer Sciences

Habiba Farrukh

Assistant Professor, Computer Science
Ph.D., Computer Science, Purdue University

Farrukh's research interests broadly lie in the areas of security and privacy and mobile computing. The advanced computing and sensing capabilities of mobile systems make them attractive targets for attackers, threatening users' security and privacy. Farrukh's research combines system design, signal processing, computer vision, and machine learning methods to investigate these threats and propose methods for securing modern mobile and IoT systems and protecting users' privacy. She works on designing practical solutions to address the security limitations of existing systems and emerging computing platforms. She also explores the impact of these limitations on developers and end users and proposes secure and usable systems that address the challenges of these new platforms. She joined the ICS Faculty in October 2023.

Ana Kenney

Assistant Professor, Statistics
Ph.D., Statistics and Operations Research, Penn State University

Kenney's research interests are at the interface of interpretable machine learning, computational statistics, and optimization, particularly as applied to the "Omics" sciences. She develops techniques that leverage modern optimization tools to analyze large, complex and often noisy data. Working with statisticians, biologists, bioinformaticians and health experts has instilled a very pragmatic edge to her work, and she emphasizes stability, robustness, computational efficiency and practical relevance when approaching each project and technique she develops. Additionally, she has specialized training in tackling challenges posed when working with large amounts of sensitive, biomedical data — challenges such as scalability and data privacy. She joined the ICS faculty in September 2023.

Thomas Yeh

Assistant Professor of Teaching, Computer Science
Ph.D., Computer Science, UCLA

Prior to returning to academia in 2020, Yeh worked in industry, with roles spanning research, architecture, design, verification, marketing and management. His research interests include computer architecture, acceleration of machine learning, and computer science education. His specialties include parallel programming, processor microarchitecture, and computer arithmetic. Yeh's active research explores the intersection of machine learning with computer architecture and with computer science education. His research has been published at the International Conference on Machine Learning (ICML), the International Symposium on Computer Architecture (ISCA), the IEEE/ACM International Symposium on Microarchitecture (MICRO), and in the ACM Transactions on Graphics (TOG). He joined the ICS faculty in July 2023.

Faculty Recruiting

UCI's Donald Bren School of Information and Computer Sciences, home of the Departments of Computer Science, Informatics, and Statistics, is seeking exceptional candidates for multiple tenured/tenure-track Professor and Professor of Teaching positions. A detailed description of each position, and application instructions, can be found at *bit.ly/ICSFacultyRecruiting*.