Instructor Biographies

Prof. Chen-Hsiang (Jones) Yu, Ph.D.

Dr. Chen-Hsiang (Jones) Yu is an Assistant Professor of the Department of Computer Science and Networking at Wentworth Institute of Technology. He is also an affiliated faculty member at the Center for Dynamical Biomarkers, Beth Israel Deaconess Medical Center/Harvard Medical School, and HCI group at Tufts University. He earned B.Eng. and M.S. in Computer Science and Information Engineering (CSIE) from Tamkang University (1998) and National Taiwan University (2000), and Ph.D. in Computer Science from MIT (2012) under Prof. Rob Miller's guidance. He has won Blittersdorf Faculty Award, Segan Faculty Fund Grants Award, five Presidential EPIC Mini Grants Awards, ACM UIST Best Poster Award, ACM CHI Student Research Competition and several other competitions, including MIT's First Mobile App Development competition, MIT $100K ESC competition, MIT iCampus Prize, etc. During his work in industry, he has joined to develop more than 12 commercialized mobile phones and several mobile applications. Dr. Yu not only has an outstanding record in teaching, but he also has published more than 40 peer-reviewed publications. His research in HCI (Human-Computer Interaction) focuses on mobile health, AI on mobiles, web customization and automation, and readability enhancement.

Prof. Hongsheng Wu, Ph.D.

Dr. Hongsheng Wu is a Full Professor of the Department of Computer Science and Networking at Wentworth Institute of Technology, where he has been since 2001. He received a B.S. from Shandong University in 1996, and an M.S. from the Ohio University and an M.A. from the Boston University. He received his Ph.D. in Biostatistics from the Boston University in 2009. Besides his rewarding and exciting teaching career, Dr. Wu's research spans a broad range of both computer science and biostatistics subfields including machine learning, data analytics, clinical trials, genetics, and health economics. Recently, he has been partial to research endeavors associated with the emergence of novel intellectual developments and significant engineering challenges. Much of his work has been on improving the understanding, design, and analysis of clinical trial data and developing statistical and computational methods for analyzing single nucleotide polymorphisms (SNPs) and next-generation sequencing data, mainly through the application of data mining, statistics, and performance evaluation. He has published in high impact factor journals, such as New England Journal of Medicine, JAMA Psychiatry, and Nature Communications, representing a well-balanced array of his research.