

# **Yun Raymond Fu, Ph.D.**

**Associate Professor, Electrical and Computer Engineering Interdisciplinary with, Computer and Information Science, Northeastern University at Faculty Affiliate, Global Resilience Institute**

Boston, MA, US

Professor Fu focuses on cyber-physical systems, machine learning and computational intelligence, security and systems/tools.

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## **Biography**

Yun Raymond Fu received the BEng degree in information engineering and the MEng degree in pattern recognition and intelligence systems from Xian Jiaotong University, China, respectively, and the MS degree in statistics and the PhD degree in electrical and computer engineering from the University of Illinois at Urbana-Champaign, respectively. He is an interdisciplinary faculty member affiliated with the College of Engineering and the College of Computer and Information Science with Northeastern University since 2012. His research interests are machine learning, computational intelligence, big data mining, computer vision, pattern recognition, and cyber-physical systems. He has extensive publications in leading journals, books/book chapters and international conferences/workshops. He serves as associate editor, chairs, PC member and reviewer of many top journals and international conferences/workshops. He received seven Prestigious Young Investigator Awards from NAE, ONR, ARO, IEEE, INNS, UIUC, Grainger Foundation; seven Best Paper Awards from IEEE, IAPR, SPIE, SIAM; three major Industrial Research Awards from Google, Samsung, and Adobe, etc. He is currently an associate editor of the IEEE Transactions on Neural Networks and Learning Systems (TNNLS). He is fellow of SPIE and IAPR, a lifetime senior member of ACM, lifetime member of AAAI, OSA, and Institute of Mathematical Statistics, member of Global Young Academy (GYA), AAAS, INNS and Beckman Graduate Fellow during 2007-2008. He is a senior member of the IEEE.

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## **Areas of Expertise**

Cyber-Physical Systems , Machine Learning and Computational Intelligence, Security and Systems/Tools and Measurement, Pattern Recognition

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## **Affiliations**

SPIE Fellow, IAPR Fellow

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## **Education**

**University of Illinois**

Ph.D. Electrical and Computer Engineering

**University of Illinois**

M.S. Statistics

**Xi'an Jiaotong University**

M.Eng Pattern Recognition and Intelligence Systems

## **Accomplishments**

**Faculty Fellow**  
2017

**Young Investigator Award**  
Office of Naval Research

**Young Investigator Award**  
International Neural Network Society

**Young Investigator Award**  
Army Research Office

**Outstanding Research Award**  
Søren Buus

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