Reza Azarderakhsh, Ph.D.

Associate Professor, I-SENSE Fellow, Founder of PQSecure at Florida Atlantic University

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Reza Azarderakhsh's primary research interests are in cryptography and security.

Biography

Reza Azarderakhsh is an associate professor in the Department of Computer and Electrical Engineering and Computer Science at Florida Atlantic University, as well as an I-SENSE research fellow. He received his Ph.D. in computer engineering from Western University. After that, he was an NSERC post-doctorate research fellow at the Center for Applied Cryptographic Research, Department of Combinatorics and Optimization at the University of Waterloo, where he is currently an affiliate supervisor member of CryptoWorks21. He is also serving as an associate editor of the IEEE Transactions on Circuits and Systems (TCAS-I) cryptographic engineering track. His research has been supported by NSF, NIST, Florida Center for Cyber Security (FC2), and Texas Instruments. Azarderakhsh's primary research interests are in cryptography and security, with particular interest in cryptographic engineering, side-channel analysis, elliptic curve cryptography, finite field arithmetic, post-quantum cryptography, and hardware/software implementations.

Areas of Expertise

Cyber Security, Cryptographic Engineering, Quantum-Safe Cryptography, IoT and Embedded Device Security, Blockchain Security, Private AI, Side-channel and Physical Attacks on Cryptography

Affiliations

IEEE Transactions on Circuits and Systems (TCAS-I) : Associate Editor, PQSecure Technologies : Founder and President, Quantum Economic Development Consortium (QED-C) : Member

Education

University of Waterloo
Post Doctoral Fellow Applied Cryptography

Western University
Ph.D. Computer Engineering

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