

Walter Schilling, Jr., Ph.D.

Professor at Milwaukee School of Engineering

Milwaukee, WI, US

Dr. Walter Schilling is an expert in software verification, software reliability, software security and embedded systems software.

Biography

Dr. Walter Schilling is a professor in the Computer Science and Software Engineering Department at MSOE, teaching in the computer science and software engineering programs. He is an expert in software reliability and static analysis, cyber security, embedded systems software verification, and software security. Prior to joining the faculty at MSOE, Schilling was a graduate researcher at the NASA Glenn Research Center, a software product design engineering for Visteon Corporation; and a software product design engineer for Ford Visteon

Areas of Expertise

Static Analysis, Embedded Systems, Software Engineering, Software Reliability, Cybersecurity, DevSecOps, Software Verification, Real Time Systems

Affiliations

American Society of Engineering Educators (ASEE) : Member, Institute of Electrical and Electronics Engineers (IEEE) : Member, IEEE Computer Society : Member

Event and Speaking Appearances

Ransomware threats: what they are, how they happen, and how to protect against them

WUWM Lake Effect, <https://www.wuwm.com/2021-10-07/ransomware-threats-what-they-are-how-they-happen-and-how-to-protect-against-them>

Big Data, Cyber Security, and the Lure of the Open Road

Data Driven Milwaukee Meetup Presentation

Panel Discussion on Cybersecurity

Milwaukee Cybersecurity Summit 2019

Education, Licensure and Certification

Ph.D.

Electrical Engineering University of Toledo

M.S.
Engineering Science University of Toledo

B.S.
Electrical Engineering Ohio Northern University

Accomplishments

ASEE New Engineering Educators Distinguished Service Award
2016

Merl K. Miller Award
Awarded for the outstanding CoED Journal paper on teaching/instructional methods, ASEE
Computers in Education Journal 2014

University of Toledo Electrical Engineering and Computer Science Department Dissertation of the Year Award
2008

ISSRE 2006 Student Travel Award
2006

Southeastern Michigan Section IEEE Outstanding Engineer of the Year Award
2002

Toledo Section IEEE Young Engineer of the Year Award
1999

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