Miriam Capretz

Professor, Department of Electrical and Computer Engineering at Western University
London, ON, CA

Professor of Software Engineering at Western University who conducts research in energy management, smart buildings and online advertising.

Biography

Dr. M. Capretz is a Professor of Software Engineering in the Department of Electrical and Computer Engineering at Western University. She was an Associate Vice-Provost (Acting), Graduate and Postdoctoral Studies from July 2015 to June 2016. She has also taken the role of Associate Dean (Acting) Research and Graduate in the Faculty of Engineering from July 2010 to June 2011 and Associate Chair Graduate in the Department of Electrical and Computer Engineering from July 2008 to June 2013. Prior to joining Western University, Dr. M. Capretz was an Assistant Professor in the Software Engineering Laboratory at the University of Aizu (Japan). Dr. M. Capretz has been involved with software development and research and teaching in software engineering for more than 30 years. Among her industry experience, she worked as a software engineer from 1984 to 1988 at Technological Center for Informatics-CTI in Campinas/SP, Brazil; and from 1981 to 1984, she was a systems analyst at a computer company in Sao Paulo, Brazil. Dr. M. Capretz is a senior member of IEEE and a member of ACM (Association for Computing Machinery). She is also an Associate Scientist with the Lawson Health Research Institute.

Industry Expertise

Computer Software, Research, Education/Learning

Areas of Expertise

Software Engineering ? Architecture & Design Methodologies. Software Development Lifecycle., Higher Education Leadership, Graduate Education, International Partnership Development, Software Research, Research and Development, Science and Technology, Teaching in Software Engineering, Software Development, Technological Innovation, Teaching

Affiliations

Professional Engineers Ontario: Licensed Member, IEEE : Senior Member, ACM (Association for Computing Machinery) : Member, Lawson Health Research Institute : Associate Scientist

Education

University of Durham
Ph.D. Software Engineering

UNICAMP - Universidade Estadual de Campinas
MESc. Electrical Engineering

UNICAMP - Universidade Estadual de Campinas
B.Sc. Computer Science

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