

Eric Durant, Ph.D., MBA, P.E.

Professor, Program Director at Milwaukee School of Engineering

Milwaukee, WI, US

Dr. Eric Durant's research focuses on real-time audio processing with a focus on hearing aids and artificial intelligence/deep learning.

Biography

Dr. Eric Durant is a professor and master of science in machine learning program director in the Computer Science and Software Engineering Department. Durant's research includes using real-time audio processing with a focus on hearing aids and artificial intelligence/deep learning. He also has used genetic algorithms to efficiently fit audio processing parameters in hearing aids, robust perceptual rank inferencing, beamforming, convex optimization, deep learning, and spatialization. He is a senior DSP research engineer II for Starkey Hearing Technologies and was a visiting professor at NVIDIA.

Areas of Expertise

Deep Learning, Audio Processing, Beamforming, Electrical Engineering, Computer Engineering, Genetic Algorithms, Convex Optimization, Hearing Aids

Affiliations

American Society for Engineering Education (ASEE) : Member, Institute of Electrical and Electronics Engineers (IEEE) : Senior Member, ABET PEV : Computer and Electrical Engineering Program Evaluator

Education, Licensure and Certification

Professional Engineer

WI License 45011-6

Executive M.B.A.

Business University of Wisconsin-Milwaukee

Ph.D.

Electrical Engineering University of Michigan

M.S.E.

Electrical Engineering University of Michigan

B.S.

Computer Engineering Milwaukee School of Engineering

B.S.
Electrical Engineering Milwaukee School of Engineering

Accomplishments

Order of the Engineer, MSOE inductee #500
2019

MSOE Alumni Achievement Award
2017

Oscar Werwath Distinguished Teacher Award, MSOE
2016

MSOE Inaugural Student Athletic Advisory Committee (SAAC) Faculty Recognition Award
Awarded for contributions in MSOE sports photography, May, 2015

STEM Forward Young Engineer of the Year
2013

EECS Department Fellowship
University of Michigan, 1998-2002

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