

# **Derek Riley, Ph.D.**

**Professor, Program Director at Milwaukee School of Engineering**

Milwaukee, WI, US

Dr. Derek Riley is an expert in machine learning, deep learning, artificial intelligence, simulation, and high-performance computing.

---

## **Biography**

Dr. Derek Riley joined the MSOE faculty in 2016 and is a professor in the Computer Science and Software Engineering Department. He is also program director of MSOE's Bachelor of Science in Computer Science program, which has a focus in artificial intelligence. In addition to teaching at MSOE, Riley provides consulting services and expert witness services related to machine learning, deep learning, facial recognition, computational modeling, high-performance computing, and other related fields. His areas of expertise include deep learning, machine learning, computer vision, algorithms, process modeling and simulation, Scrum, and mobile computing/programming. He is an NVIDIA DLI Certified Instructor.

---

## **Areas of Expertise**

Large Language Models, Generative AI, Machine Learning, Deep Learning, Computational Science, Computer Science, Algorithms, High-Performance Computing, Scrum, Software Engineering, RAG LLM

---

## **Affiliations**

Association for Computing Machinery (ACM) : Member

---

## **Event and Speaking Appearances**

### **Invited Talk**

Wisconsin Technology Association Conference

### **AI Education**

Wisconsin Technology Council Early Stage Symposium

### **Invited Talk**

Wisconsin Society of Professional Engineers Discovery Conference

### **AI Education**

Direct Supply AI Forum

### **Keynote Speaker**

Werner Electric MSOE Alumni Event

---

## **Education, Licensure and Certification**

**Ph.D.**

Computer Science Vanderbilt University

**M.S.**

Computer Science Vanderbilt University

**B.S.**

Computer Science Wartburg College

---

[Please click here to view the full profile.](#)

This profile was created by [Expertfile.](#)