



Dr. RJ Nowling

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RJ Nowling is an Associate Professor of Computer Science and coordinator for the Graduate Certificate in Applied ML at the Milwaukee School of Engineering (MSOE). RJ holds a Ph.D. in Computer Science and Engineering from the University of Notre Dame with a focus on mathematical models and numerical algorithms for physics-based simulation of molecules and applications of statistical analyses to understanding the genomes of mosquitoes. For four years, RJ was a data science engineer in industry where he learned to build and operate machine learning-powered services using cloud infrastructure. RJ joined MSOE in the Fall of 2018. RJ develops and teaches courses in data science, machine learning, data structures, algorithms, and data-intensive systems. RJ draws on his combined industry and academic experience to ensure that courses prepare students for real-world applications. RJ collaborates with MSOE students and multiple external research groups to improve the understanding of biology systems through the application of machine learning and data science to genomic data. Outside of work, RJ spends his time with his wife and two dogs, riding the Oak Leaf Trail on a bike, practicing karate, and watching baseball games.