

## Robert Dwyer, PhD (he/him)

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### **Executive Vice President, Chief Data Scientist | Certilytics**

Rob joined Certilytics in 2014 upon completing his Ph.D. in computational biology. He brings ten years of mathematical modeling and machine learning experience in both the private sector and academia, working on problems ranging from the quantification of medical and financial risk to predictive genomics. He is responsible for overseeing the design and pathing of new ML/AI products.

Rob graduated from the University of Virginia in 2009 with a B.S. in Biology. He then obtained his M.S. and Ph.D. in computational biology from Princeton University, where he developed variations of maximum entropy algorithms to predict three-dimensional protein folding patterns by mining genomic sequence data. Prior to Certilytics, he worked with a number of startups and think tanks to develop algorithms to predict student loan repayment rates and to track Department of Defense allocations. He is also an avid U.S. history buff and is currently working his way through biographies of every U.S. President.