How Algorithm and Simulation Work Is Helping Ford’s Autonomous Vehicle Operations

By Mitchell Rohde, CEO and Co-Founder, Quantum Signal AI, LLC

As the auto industry evolves, so does the important role mathematics plays in driving the changes it is experiencing. Advancements in sensing and perception, control, communications and other key areas have created an increased need for talent specializing in software and engineering.

Quantum Signal AI has witnessed the growing need for math-based engineers firsthand. A diverse and funky team featuring highly specialized experts in algorithm development, hardware systems and robotics, we are in the midst of doubling our technical group to support Ford’s plan to launch a self-driving service.

Since being acquired by Ford Autonomous Vehicles LLC last summer, Quantum Signal AI has been quickly integrated into several parts of Ford’s self-driving efforts.

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