

PARKER ANTHONY, LEVI PARRETT, WEIDONG LIAO, AND OSMAN GUZIDE, Department of Computer Science, Mathematics and Engineering, School of Natural Sciences and Mathematics, Shepherd University, Shepherdstown, WV 25443. Artificial Intelligence and Deep Learning with Tensorflow

As the computational problems become more and more complex, researchers and developers turn to artificial intelligence and machine learning for feasible and accessible solutions. In this poster, we present our research with a look at the traditional artificial intelligence and more recent deep learning. In addition, we discuss our experience in using Tensorflow, a widespread deep neural network package. At last, we describe our experience using Keras, a high-level software library designed to run on top of TensorFlow to allow fast experimentation and TensorFlow.js, a TensorFlow library in Javascript to allow Web based machine learning platform.