Abimannan Sennanaicker

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Research Interests

Computer Vision, Deep Learning, NLP, Machine Learning and Reinforcement Learning

Coursera Accomplisments

Cloud Platform Fundamentals: Core Infrastructure by **Google Cloud Platform**, Jan 27, 2017
Big Data and Machine Learning Fundamentals by **Google Cloud Platform**, Jan 27, 2017
The Data Scientist's Toolbox by **John Hopkins University**, Nov 04, 2017
R programming by **John Hopkins University**, Dec 17, 2014
Getting and Cleaning Data by **John Hopkins University**, Dec 08, 2014
Exploratory Data Analysis by **John Hopkins University**, Dec 08, 2014
Mining Massive Datasets by **Stanford University**, Dec 3, 2014
Algorithms: Design and Analysis by **Stanford University**, Sep 24, 2015
Artificial Intelligence Planning by **University of Edinburgh**, March, 2014

Edx Accomplishments

Introduction to Big Data with Apache Spark by **UC Berkley AMP Lab and Databricks**, Jul 10, 2015
Scalable Machine Learning by **UC Berkley AMP Lab and Databricks**, Aug 06, 2015

Self Learning Courses

Deep Learning for Natural Language processing by **Stanford University**
Deep Learning for Computer Vision by **Stanford University**
Computational Linear Algebra and Deep Learning by **fast.ai**
TensorFlow for Deep Learning Research by **Stanford University**

Education

MASTER OF COMPUTER APPLICATIONS (HONS.), COMPUTER SCIENCE — Kancheepuram, India
SRM Institute of Science and Technology (SRM University) — 2008-2011
Key courses: *Data Structures and Algorithms, Programming Concepts, Computer Architecture, Mathematics*

BACHELORS OF SCIENCE (HONS.), COMPUTER SCIENCE — Coimbatore, India
Bharathiar University — 2005 – 2008
Key courses: *Advanced Probabilities, Statistics, Numerical Methods of Optimization, Algorithmic Complexity, Mathematical Logic*

Computer and Language Skills

Languages: Python, Go, Java, JavaScript, HTML/CSS, SQL, NoSQL, MongoDB (some exposure), Spark (some exposure)
Machine Learning: Tensorflow, NumPy, Pandas, Scikit-Learn, NLTK (some exposure)
Frameworks and Tools: Flask, D3.js, Matplotlib

Kaggle Competition Participating

Titanic: Machine Learning for Disaster
Toxic Comment Classification Challenge- Identify and Classify toxic online comments
2018 Data Science Bowl- Creating an algorithm to automate nucleus detection