THE SCHOOL OF AI

DEEP VISION & NLP

CERTIFICATE OF COMPLETION

Phase 1

Background and Basics of Modern NLP
From Embeddings to Language Models
Advanced Python for General Computing and NLP
PyTorch Basics
RNNs Are Dead And Their Renewed Relevance
GRUs, Seq2Seq Architecture And Attention Mechanism
NLP & Attention Mechanism Coding 1
NLP & Attention Mechanism Coding 2
NLP & Attention Mechanism Coding 3
NLP & Attention Mechanism Coding 4
NLP & Attention Mechanism Coding 5
NLP & Attention Mechanism Coding 6
GloVe, Memory Networks and Recap
CapStone Project - Automatic Python Code Generation

Phase II

Coreference Resolution & Synthesizer
Reformer: The Efficient Transformer
Bi-Directional Transformer
Document Level Models & Contextual Representation
GPT1 & Models of Dialogue
Building and Training GPT2
GPT3 Deep Dive: Part 1 Architecture
GPT3 Deep Dive: Part 2 Training
GPT3 Coding And Practice 1
GPT3 Coding And Practice 2
GPT3 Coding And Practice 3
Advanced NLP over The EDGE
CapStone Project

IS PRESENTED TO

RAMKUMAR M

FOR COMPLETING THE **Phase 1** OF
EXTENSIVE NLP WITH DEEP LEARNING (END 1) 2020-21

Rohan Shravan
COURSE GUIDE