



4 Courses

**Natural Language
Processing with
Classification and Vector
Spaces**

**Natural Language
Processing with Probabilistic
Models**

**Natural Language
Processing with Sequence
Models**

**Natural Language
Processing with Attention
Models**



Jun 4, 2024

Sulaiman Shamasna

has successfully completed the online, non-credit Specialization

Natural Language Processing

Congratulations! You have completed all four courses of Natural Language Processing - a DeepLearning.AI Specialization. As part of this Specialization, you have learned both the classical machine learning skills and the state-of-the-art deep learning techniques needed to build NLP systems. You are now equipped to design applications that perform question-answering and sentiment analysis, create tools to translate languages, and summarize text! These, and other NLP applications, will be at the forefront of the coming transformation to an AI-powered future.

The online specialization named in this certificate may draw on material from courses taught on-campus, but the included courses are not equivalent to on-campus courses. Participation in this online specialization does not constitute enrollment at this university. This certificate does not confer a University grade, course credit or degree, and it does not verify the identity of the learner.

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