

Petitioner: Dr. Sofia Armenta

Field: Computational Linguistics

Criterion 1: Prizes or Awards for Excellence

Winner of the 2020 International NLP Pioneer Award. Given annually to a single individual for outstanding breakthroughs in machine translation and linguistic AI.

Criterion 3: Published Material About the Person

Featured in The Atlantic and MIT Tech Review for her neural parsing models. Articles included interviews and described her influence on digital learning tools.

Criterion 5: Original Contributions of Major Significance

Created "ParseNet", a framework adopted in both Google Translate and Duolingo systems. Cited 4,800+ times, including by Stanford, Facebook AI Research, and CMU.

Expert Letters

Three letters from top researchers in NLP: Dr. Emily Bender, Dr. Christopher Manning, and Dr. Daniel Jurafsky.