

**California State University San Bernardino
School of Computer Science and Engineering**

CSE 695 Graduate Independent Study

Date

June 11, 2019 (Tuesday)

Time

10:00am – 10:30am

Location

JB 359

Title

**Neural Word Embeddings in Natural Language Processing:
from Word2vec to BERT**

Student

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Advisor

Dr. Haiyan Qiao

Abstract

Natural language processing (NLP) is the set of methods for making human language accessible to machines. NLP includes a variety of tasks such as text classification, machine translation, and question answering. Since 2013, neural word embeddings have provided more robust distributed word representations and had a great impact on almost every aspect of NLP application. In this talk, we will discuss some popular techniques for word representation such as word2vec, GloVe, and some deep contextualized models, from their ideas to the evaluations.