

Education

Georgetown, DC Georgetown University Sep 2019 | Jun 2021

- MS in Computer science.

Minneapolis, MN University of Minnesota Sep 2015 | Jun 2019

- BA in Computer science.

Professional Experience

software engineer internship China Mobile Research Institute. May 2019 – October 2019

Beijing, China

- Implemented algorithms for text collecting and categorizing by using Convolutions Neural Network.
- Independently built three different test environment for the Time Delay Neural Networks under linux environment using python.
- Implemented and revised the Conch algorithm for more accurate data collection.

Research Experience

Research Assistant Minnesota Syntax and Psycholinguistics Lab Aug 2018 – May 2019

University of Minnesota

- Analyze ongoing linguistic publication especially papers involving syntactic and semantic topics.Solid State Technology
- Extend the experiment of the comparative constructions for less ambiguities.
- Investigate how retrieval interference influences semantic interpretation during sentence processing.

Publication

- **Tianjiao Yu.** The Design of Electronic Medical Records System Using Skip-Gram Algorithm. Network Modeling Analysis in Health Informatics and Bioinformatics, 2020.(Published)

Projects

- **Morphological Analysis, Readability, and Classification of Website Privacy Policies**
 - collected and annotated privacy policy from Online Privacy Politics Corpus Set 115
 - Measured the morphological complexity by affixation and stemming
 - classified the entire given privacy policy text and gave a quantitative analysis of morphological complexity and readability
- **Health Misinformation Identification**
 - Identify and promote reliable and correct information on CommonCrawl News
 - develop a sentence-comment co-attention network to capture top k check-worthy sentences and comments for health misinformation detection
 - Achieved over 90% Accuracy on GossipCop
- **Texts Extraction and Translation**
 - Retrieved texts from image using Convolutional Neural Networks
 - Implemented a Long Short-Term Memory Recurrent Neural Networks the translation process from English to Mandarin

Leadership Experience

Senator of Graduate Student Government Georgetown University Aug 2019 – May 2020

- Proposed and organized funding and other support from GradGov on behalf of my graduate degree program

- Attended monthly Grad Senate meeting on behalf of the program to vote on matters
- Report back to the Director of Program and the graduate students in my program about relevant topics

Skills

- Artificial languages: Python, Java, C, C++, SQL, SML, R, Php, JavaScript.
- Natural languages: English, Mandarin, French.
- Other:: Matlab, Bash, Html