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# Wanyong Feng

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## EDUCATION

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**UNIVERSITY OF NORTH CAROLINA at Chapel Hill**  
**Master of Science in Computer Science**

Dec 2021

**UNIVERSITY OF NORTH CAROLINA at Chapel Hill**  
**Bachelor of Science in Computer Science**  
**Bachelor of Art in mathematics**

Dec 2020

## SKILLS

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**Programming languages and frameworks:** Java, Python, JavaScript, HTML, CSS, TensorFlow

**Knowledge:** Machine Learning, Deep Learning

**Front-End:** React, jQuery, Bootstrap, AJAX, Redux

**Database:** SQL, mongo DB

## PROJECT EXPERIENCE

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**Text2Sql, Summer Research, Yale**

June 2020 – Jan 2021

- Aimed to adapt general text-to-SQL models trained on Spider or other public data and get decent accuracy
- Used python to clean the data and proposed a pipeline for unifying SQL patterns for any NL-SQL pairs.
- investigated what's data in real life like and how they would affect the performance of the model and got a well sense of difficulties of generalization of Text2Sql task.

**Classification on particles, Chapel Hill, North Carolina**

Mar 2020 – \_May 2020

- Engaged in a machine learning project predicting classification on different particles from different features
- Used Python and different libraries including numpy, sklearn, and pandas to train different classification models
- Collect the accuracy of different models and analyze them

Feb 2020 – \_May 2020

**Big Word, Chapel Hill, North Carolina**

- Developed the game interface and functionalities using React and Bootstrap
- Develop the back-end using Flask
- Store and manage data using SQLite

## RELEVANT EXPERIENCE

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**SHANGHAI AMARSOFT INFORMATION & TECHNOLOGY COMPANY Intern |**  
*Shanghai*

May 2019 - August 2019

- Performed tasks in the Credit department, data collection group
- Built web crawlers to collect data from websites by coding in Java
- Stored data using SQL Database