**Wanyong Feng**

| (919)-945-4775 |[wanyong@live.unc.edu|](mailto:wanyong@live.unc.edu) https://[www.linkedin.com/in/wanyongfeng](http://www.linkedin.com/in/wanyongfeng)

# EDUCATION

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| --- | --- |
| **UNIVERSITY OF NORTH CAROLINA at Chapel Hill** | Dec 2021 |
| **Master of Science in Computer Science** |  |
| **UNIVERSITY OF NORTH CAROLINA at Chapel Hill** | Dec 2020 |
| **Bachelor of Science in Computer Science** |  |
| **Bachelor of Art in mathematics** |  |

**SKILLS**

**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

**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

## 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

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

*Shanghai*

* 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

Feb 2020 – \_May 2020

May 2019 - August 2019