Yunze Xiao

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SUMMARY

o Natural Language Processing Enthusiast

o Adaptable to new environments and quick learner of new skills

o Language skills: English (high level), Chinese (native), Japanese (basic), Spanish(basic)

EDUCATION

Carnegie Mellon University   Class of 2026

B.S. Information Systems

COURSES:

Natural Language Processing | Principles of Imperative Computation | Probability for Computer Scientists | Information System Milieux

PAST PROJECT

A Transformer-based Attention Flow Model for Intelligent Question and Answering Chatbot

o Improved the performance of the BiDaF model

o A [presented paper](#) in the 14th ICCRD

Machine learning based Calorie estimation

o Created a new dataset for the training of new Machine Learning model.

o Guided a team to put the idea into practice

o Presented in China Think Big 2022

[A Question Generation System for generating Quiz](#)

o Utilizes Stanford NLP package stanza to auto-generate quiz questions

ONGOING PROJECT

[A dataset for Offensive Language in Chinese](#)

o The new dataset will include context of the comments for understanding.

o The new dataset will be retrieved from more offensive platform.

o The new dataset will account the effect of substitution for offensive keywords.

o The new dataset will also contain sarcasm.

WORK EXPERIENCE

Curriculum Support Developer

o Creation of question banks for quizzes and exams. This includes reviewing quizzes and exams from past course iterations to extract questions. The developer will help create a database to organize all these questions by topic, assign labels, and add comments

o help develop a web application that can be used to browse the database. Responsibilities include writing and testing code, helping design the software architecture, debugging, and deploying the web application.

AWARD

CMU-Q Dean's List 2022 Fall

LEADERSHIP

Student Academic Committee executive member

o Helped connect student with the University faculties

o Helped Organized the townhall event in Fall 2022.