Yihe Li

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EDUCATION

Duke Kunshan University   GPA 3.87/4   Aug. 2019-May. 2023
Bachelor of Science in Data Science (by Duke Kunshan)   Kunshan, Jiangsu Province, China
- Half Tuition Scholarship – Shu Ren Scholarship by Duke Kunshan University
- Duke Kunshan University Technical Artisans Club Member
- Duke Kunshan University KEY Club Member
- Strong Machine Learning, Programming and Mathematical Background Learnt in DKU
- Coursera Google IT Automation with Python Certificate
- Familiar with C++ and Python Programming, Elementary Java, SQL and HTML5/JavaScript

Harvard Summer School, Summer 2021   June 2021-Aug. 2021
Student   Online
- Finished course CSCI S-12 "Fundamentals of Website Development" and CSCI S-50 "Intensive Introduction to Computer Science" with both A.
- Gained thorough knowledge on HTML5+CSS+JavaScript web development and SQL.
- Final project implemented as complex webpage and game development.

EXPERIENCE

DKU Computer Science 201 Auto-Grading System   Sept. 2020-Present
Main Participant & Teaching Assistant   Kunshan, China
- Help implementing Auto-Grading System for course homework, in use since Sept. 2020.
- Designed homework problem sets independently, together with corresponding auto-grader.
- Compiled final score table to provide final grade for the professor of the course.
- Lead the laboratory part of the lecture, and led the student in reviewing lecture materials.
- Worked as school-recognized tutor for two semesters.

CS201 Homework Similarity Detection Project   June 2021-Aug. 2021
Research Assistant   Kunshan, China
- Implemented a similarity detection system based on Moss, with data collected from auto-grading system submissions.
- Drew a plagiarism relation graph among students, and succeed in identifying group of students that copy each other.
- Used machine learning to determine the relationship between student final score, similarity, and attendance.

Dell China Summer Internship   Jul. 2022-Aug. 2022
Software Engineer Intern   Online
- Used Python to analyze the log files generated by real-world machine groups.
- Succeed in showing general picture on how the machines are performing in any given day.

Speech Recognition + Emotional Voice Synthesis Project   June 2021-Aug. 2021
Research Assistant   Kunshan, China
- Learnt basic of PyTorch, TorchAudio and other scientific computing libraries.
- Implemented literature review on Tacotron 2 and FastSpeech.

LEADERSHIP AND INVOLVEMENT

DKU Technical Artisan Club   Jan. 2020-Present
Member   Kunshan, China
- Club focused on teaching, spreading and discussing Computer Science and Contest-related knowledges.
- Participated in the ACM-simulation Code Contest held by the club and win rank #2.
- Actively sought ACM contingent assembling.

DKU Key Club   Sept. 2020-Present
Member and Teaching Position   Kunshan, China
- Club focused in providing English (and other subjects) teaching to local primary and secondary schools.
- Taught several English lectures in Kunshan Zhoushi Elementary School.
- Designed lecture material and structure independently.

Huize Donglu High School Education Aid Quest   Jul. 2020-Aug. 2020
Teaching Professor   Huize, Yunnan Province, China
- An event hosted by club in Yale University, go to high school in Huize, Yunnan Province and become a visiting professor together with students from Yale, Peking University and Hong Kong University.
- 10-days teaching-aid experience.
- Designed lecture materials from scratch.
- Held and led several lectures every day to high school students.

ADDITIONAL INFORMATION

- Mandarin Chinese (Native Speaker), Academic-level English (TOEFL 114)
- DKU Shu Ren Scholarship (Half tuition scholarship)
- DKU Dean's List (Spring 2020, Spring 2021) & Dean's List with Distinction (Fall 2020)
- DKU Academic Success Program Completion Certificate
- CRLA Level-1 Certified Peer Tutor
- Also interested in rail transit across China