Zhongyi 'William' Qiu

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Personal Interests: World Cuisine, Finance & Investing, Gardening, Video Production & Editing (TikTok)

Qualities: Detail-oriented, Fast Learner, Strong Communicator, Creative Problem Solver, Reliable, Enthusiastic, Problem Solving

EDUCATION

University of Oregon— *Bachelor of Science*

Major: Computer Science   GPA: 3.59/4

January 2022-Present
- Coursework: Elementary Discrete Math, Computer Science (python), Computer Science (C), Data Structure, Computer Organization

University of Oregon— *B.A. in Applied Linguistics and Japanese*

September 2015 - June 2020   GPA: 3.62/4
- Double bachelor's degree
- Coursework: Phonology, Semantics, Morphology, Syntax, Historical Linguistics, Sociolinguistics, Psycholinguistics

PROFESSIONAL EXPERIENCE

UO American English Institute —*Activity Coordinator*

May 2021 - Present
- Gather feedback and generate detailed activity reports for analysis
- Lead other student works on site to organize around fifty students
- Communicate with other departments and local firms for events

Wonder Wok Restaurant and Bar, Eugene — *Funder & Owner*

September 2020 - November 2021
- Analyzed the industry and conducted a detailed business plan
- Recruited designing and contracting crews for restaurant remodeling
- Interviewed and hired appropriate staff members for daily operation
- Communicating with offices for licenses and suppliers.
- From $0 monthly revenue to over $80,000 in less than 2 years.

SKILLS

Programming: Python, C

Linguistic Analysis: morpho-syntax, semantics, phonetics, pragmatics, discourse analysis

Historical linguistic analysis

Sociolinguistics analysis

LANGUAGES

Chinese: native

English: Fluent

Japanese: Fluent

German: Intermediate(reading)

Additional languages:

basic to intermediate knowledge in 5-7 other languages which can be beneficial for NLP tasks involving multilingual datasets and international projects.

PROJECTS EXPERIENCE

Project: Chinese New Word Analysis
- Conducted a cohesive study of people's perception of the Chinese word "greasy" by designing, conducting, and analyzing a survey single-handedly
- Distributed and collected over 200 survey responses, analyzed the data using statistical analysis techniques, and presented the findings in a detailed report. highlighting the word's current perception in the Chinese language community

Project: Phonological Spectrum Analysis of Japanese and English Using Praat
- Conducted a research project to analyze the phonological spectrum of Japanese and English languages using Praat software
- Utilized Praat to extract, analyze, and compare acoustic features such as formants, pitch, and intensity, and presented the findings in a research paper, shedding light on the distinct phonetic characteristics of each language

Project: Hash Table implementation in C
- Implemented a Hashtable data structure in C using for efficient key-value pair operations
- Developed dynamic resizing support for optimal performance and memory usage

Project: Red Black Tree implementation in Python
- Implemented a Red Black Tree data structure in Python for efficient operations
- Developed balancing and property maintenance for optimal performance and memory usage