

Hi, I'm ZACHARY ETZKORN.

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SUMMARY

A curious individual aiming to study methods that assist computers in understanding natural language. Strong background in programming and data analysis. Seeking opportunities to apply linguistic and technical expertise in solving real-world language challenges. Interested in financial markets and financial technology as well.

SKILLS

- Python
- R
- C++
- C
- Java
- Mathematical Reasoning
- Linguistic analysis
- Restaurant/Banquet Experience

PROJECTS

Blackjack

Java: JavaFX

- A blackjack app with a UI created with JavaFX that allows users to set a starting amount at the beginning of each game and a bet each round

Syntax Tree Generator

Python: NLTK, Tkinter

- Useful app that turns sentences into visualized syntax trees as well as an option to play a game to guess random syntax trees

Sementic Analysis of Reviews

Python: NLTK, spaCy, scikit-learn

- Created a program that gives sentiment analysis of large amount of business reviews

EDUCATION AND TRAINING

COMPUTER SCIENCE & LINGUISTICS

University of Illinois at Chicago, Chicago, IL
Minor: Finance

03/2024

HIGH SCHOOL DIPLOMA

Lemont High School, Lemont, IL

05/2022

- National Honors Society (Treasurer)
- Future Business Leaders of America (Secretary, Competed Nationally)
- Mu Alpha Theta (Math Honors Society)
- Presented Departmental Business Award for Graduating Class

PERSONAL INFORMATION

- Date of Birth: 08/14/04
- Nationality: American