

Boi Huynh

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EDUCATION

University of Illinois Chicago, Chicago, Illinois
Program: MS. in Computer Science

Jan 2024 — Now
GPA: 4.0

University of Illinois Chicago, Chicago, Illinois
Degree: BS. in Computer Science
Award and Honor:

Aug 2021 — Dec 2023
GPA: 3.57
Dean Student

EXPERIENCE

University of Illinois Chicago
Teaching Assistant for Language and Automata

Fall 2022

University of Illinois Chicago
Teaching Assistant for Language and Automata

Fall 2023

University of Illinois Chicago
Teaching Assistant for Machine Organization

Spring 2024

PROJECTS

Reproducibility on Self-Critique Improving LLM Reasoning

Fall 2023

Conducted a research project analyzing if self-critique can improve large language models reasoning performance using GPT3.5 and the SuperGlue benchmark.

Keyword Extraction for Medical Literature with T5

Fall 2023

Conducted a research project formulating keyword extraction as text-to-text generation and fine-tuned T5 with PubMed Database.

Visualization on Chicago Car Crash

Fall 2023

Developed a data visualization project based on the Chicago traffic and car crash data using Vega-lite and React.

Health System for Nursing and Vaccination

Fall 2023

Developed a health system for scheduling appointment of vaccination and patient recording, responsible for both front-end (React) and the back-end database system (Express + SQL).

Multi-player Online Game

Fall 2022

Developed a Connect Four game in Java, implementing multi-threading for synchronization and enabling simultaneous multiplayer gameplay.

SKILLS

- **Relevant Coursework:** Machine Learning, Algorithm Design, Natural Language Processing, Artificial Intelligence, Data Science, Database Systems, Data Visualization and Computer Graphics.
- **Programming:** Java, C++, Python, F#, JavaScript, SQL.
- **Software and Framework:** React, Vega-lite, CSS, PHP, Pandas, Huggingface Transformers.
- **Communication:** English, Vietnamese.