

Phat Chau

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<https://github.com/pnchau?tab=repositories>

EDUCATION

University of Houston, Houston, TX

Bachelor of Science in Computer Science

Expected May 2025

RELEVANT COURSEWORK

Data Science I & II, Fundamentals of Software Engineering, Algorithms and Data Structures, Statistics
Software Design, Calculus I & II, Natural Language Processing, Discrete Math, Database Systems

SKILLS

Programming Python, C++, Java, Numpy, Pyplot, Javascript, SQL, NextJS, Clerk

Software Microsoft Office 365

Language Bilingual in English and Vietnamese

ACADEMIC PROJECTS

Search Engine

Natural Language Processing

August 2024 – December 2024

- Designed and implemented an opinion-based search engine leveraging natural language processing techniques.
- Developed methods for preprocessing, and sentiment analysis using tools such as SQL, regular expressions, and machine learning classifiers.

RT Notes

November 2024 – January 2025

- Designed a web application similar to google docs which has real time document management which allows for multiple users to either edit or view the document.
- Developed using tools like Next.js, typescript, lexical, and clerk for user authentication.

Fork/Pipe Linux Calculator

Computer Operating Systems

January 2024 – May 2024

- Designed a program to run calculations based on given user inputs.
- Used forks and pipes to run multiple processes at the same time.

ACTIVITIES

Active Member, CougarCS

March 2024 – Present

- Participated in workshops, networking events, and hackathons to develop technical and professional skills.