Cuong Huynh

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Education

University of Oklahoma — Norman, OK
Bachelor of Science in Computer Science — **Expected May 2028**
Minor: Mathematics — **GPA: 4.00/4.00**

- **Honors:** Awarded of Excellent Outstanding NRTW 2024-2028, Awarded of International Undergraduate NRTW 2024-2028, Awarded a freshman -Welcome home residential Scholarship 2024-2025, Post-Acceptance for Wesley R. Mote Endowed Engineering Scholarship

- **Paper:** OUNLP at TSAR 2025 Shared Task Multi-Round Text Simplifier via Code Generation

- **Coursework:** A map animation program is Java Swing

Research Experience

Undergraduate Research Assistant — Norman, OK
Devon Energy Hall, University of Oklahoma — **Jan 2026 – Present**

- Developed and extended the OpenEvolve framework to optimize low-level sentence generation modules using evolutionary LLM-based research
- Designed a compositional strategy that enables single or multi-method (hybrid) generation pipelines to achieve target linguistic complexity levels.
- Implemented in Python programming language and deployed on the Wukong server for large scale experimentation.

Undergraduate Research Assistant — Norman, OK
Devon Energy Hall, University of Oklahoma — **Jan 2026 – Present**

- Leveraged large language models (LLMs) to automate responsive web design generation.
- Developed a pipeline that generates fully responsive webpages from three wireframe inputs corresponding to mobile, tablet (iPad Pro), and desktop layouts.

Undergraduate Research Assistant — Norman, OK
Devon Energy Hall, University of Oklahoma — **June 2025 – November 2025**

- Implemented a sentence transformation pipeline to simplify input text to a specified target proficiency level.
- Integrated multiple external language models to generate and diversify candidate rewrites from the original sentence.
- Designed candidate selection and evaluation logic to identify optimal outputs based on linguistic and complexity constraints.
- Implemented in Python programming language and deployed on the Wukong server for large scale experimentaion.

Leadership & Involvement

District Tennis Team Competition — Ho Chi Minh City, Viet Nam
Trung Vuong High School — **March 2024 – April 2024**

- Define winning strategies and tactical plans for the team.
- Led the team to victory in the final round through coordinated leadership and execution.

OU Sooner Tennis Club — Norman, OK
University of Oklahoma — **August 2024 – April 2025**

- Participated in and supported team-based outdoor activities and sports events.

Hacklahoma- Borrowit! (WebApp) Norman, OK
University of Oklahoma **Feb 7 2026 – Feb 8 2026**

- BorrowIt is a student-centric peer-to-peer marketplace designed for lending and borrowing items within a university campus environment.
- The application is built with Next.js (App Router) and React, featuring Three.js for 3D visuals, with backends powered by Firebase (Auth/Firestore) and MongoDB.
- It currently implements user authentication, item listing management, and a dedicated trade history system to track campus transactions.

Additional Experience

Math Tutor Ho Chi Minh City, Viet Nam
Trung Vuong High School **May 2023 – March 2024**

- Assist underclassmen with math problems from tenth-twelve grades

Tennis Club FrontDesk Ho Chi Minh City, Viet Nam
Trung Vuong High School **Nov 2021 – Feb 2024**

- Working on the Microsoft Office and Excel
- Greet members and guests with a friendly and professional demeanor and maintain the cleanliness and organization of the front desk and lobby area.

Student Food Services Employee Norman, OK
University of Oklahoma **Jan 2025 – May 2025**

- Greet members and guests with a friendly and professional demeanor and maintain the cleanliness and organization of the front desk and lobby area.

Student Housing Office Assistant Norman, OK
University of Oklahoma **June 2025 – Nov 2025**

- Working on the Microsoft office.
- Greet customers with a friendly and professional demeanor.

Skills & Certifications

- **Languages:** C++, Java, Python, HTML.

- **Technologies:** Git, VS Code, Eclipse