

TYLER J. VUONG

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EDUCATION

UNIVERSITY OF OKLAHOMA | NORMAN, OK

Bachelor of Science in Computer Science, Minor in Mathematics

Aug 2022 – Expected Graduation May 2025

Grade: 3.72/4.00

Relevant Coursework: Java 2, Data Structures, Linear algebra, Computer Organization, Discrete Math Structures, Calculus 1-3, Differential Equations, Applied Statistical Methods, Operating Systems, Principles of Programming Languages, Software Engineering, Theory of Computation, Artificial Intelligence, Graph Theory

UNIVERSITY OF OKLAHOMA | NORMAN, OK

Master of Science in Computer Science

Focus: Artificial Intelligence/ Machine Learning

Jan 2024 – Expected Graduation May 2026

Relevant Coursework: Algorithm Analysis, Computer Security, Database Management Systems

TECHNICAL SKILLS

R | Python | Java | C++ | HTML | CSS | JavaScript | React | Lua | MySQL | Git | GitHub | Ubuntu | Office 360

Work Authorization: US Citizen

EXPERIENCE AND PROJECTS

AI ANT SIMULATOR MINIGAMES

Python | March 2024 - Present

- Used Python, the NEAT algorithm, and Pygame to evolve artificial ants through generations, enabling them to navigate back to their anthill from a starting location (e.g., a food item).
- Created an additional mini game where ants evolved to navigate through dynamically generated pebbles to avoid collision.

FARMING SIMULATOR GAME

Lua, Blender | May 2023 – August 2023

- Collaboratively designed a farming simulator game on Roblox, utilizing vectors and physics principles to create an engaging and interactive gaming experience.
- Used **Blender** to create in game objects that would later be implemented into the game to perform a task.

OU ADDMISSIONS AND RECRUITMENT

Call Center Specialist | February 2024 – Present

- Averaged 20 phone calls per hour utilizing clear, friendly, concise communication when addressing OU-related topics.

COSTCO WHOLESALE

Front End Assistant | June 2023 – October 2023

- Worked **30+ hours** while balancing a full-time school load.

SPROUTS FARMERS MARKET

Front End Courtesy Clerk & Cashier | August 2020 – September 2022