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