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

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

TECHNICAL SKILLS

R | Python | Java | C++ | HTML | CSS| JavaScript | React | Lua | Blender| MySQL | Git | GitHub | Ubuntu| Office 360
Personal Website: https://safespace22.github.io
Certifications: UC SanDiego Algorithmic Toolbox, DeepLearning.AI

EXPERIENCE AND PROJECTS

SCROLL TIKTOK USING COMPUTER VISION
Python (pyAutoGui, OpenCV, Mediapipe) | May 2024 – Present
● Seamlessly scroll TikTok using eye tracking, lip tracking, and hand gestures.
● Developed a computer vision application to enhance user interaction with TikTok, leveraging the capabilities of pyAutoGui for automation, OpenCV for image processing, and Mediapipe for real-time hand, face, and pose tracking.

AI ANT SIMULATOR MINIGAMES
Python (Neat, pygame) | March 2024 – May 2024
● 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.

OU ADDMISSIONS AND RECRUITMENT
Call Center Specialist | February 2024 – Present
● Utilized a large database known as SLATE containing personal information and insuring confidentiality of the information.

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