

# Kendra Givens

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<b>Education</b>	Middle Tennessee State University <i>Graduation date: May 2024    GPA: 3.765</i> <ul style="list-style-type: none"><li>• BS: Computer Science<ul style="list-style-type: none"><li>◦ Algorithms and Data Structures, Neural Networks, Computer Systems, Discrete Structures, Computer Organization and Assembly, Introduction to AI, Compiler, Theory of Programming Languages, Quantum Computing</li></ul></li><li>• Minor: Mathematics<ul style="list-style-type: none"><li>◦ Calculus I, II, III, Differential Equations, Probability and Statistics</li></ul></li></ul>
<b>Research</b>	MTSU Computational REU <i>June 2022-Aug 2022</i> <ul style="list-style-type: none"><li>• Full time deep learning research creating a novel transformer based architecture to process DNA sequences, participated in a poster session showcasing results</li></ul> MTSU Silver URECA Award <i>Sept 2022-Current</i> <ul style="list-style-type: none"><li>• Continuation of summer REU research</li></ul>
<b>Experience</b>	Mathnasium Learning Center Lead Instructor <i>July 2019-Current</i> <ul style="list-style-type: none"><li>• Tutored on average 70 students k-12 per week</li><li>• Created an encouraging environment to help kids gain confidence</li><li>• Utilized team teaching, number sense, and socratic questioning methods</li></ul>
<b>Activities</b>	President/Founder of Women in STEM <i>March 2022-Current</i> <ul style="list-style-type: none"><li>• Created the club from scratch with now over 100 members, hosted career development seminar, quantum and lasers workshop, volunteer opportunities</li></ul> Tennessee Girls in STEM <i>April 2022, Sept 2022</i> <ul style="list-style-type: none"><li>• Mentored middle school girls and introduced them to various stem fields</li></ul> MTSU Hackathon <i>January 2023</i> <ul style="list-style-type: none"><li>• Won 3rd place with an autonomous racing game to teach reinforcement learning</li></ul> OKAS Girls Who Code Hackathon Judge <i>November 2022</i> <ul style="list-style-type: none"><li>• Assisted kids 5th-12th in creating coding projects, judged final projects</li></ul> S-STEM Peer Mentor <i>August 2022-Current</i> <ul style="list-style-type: none"><li>• Mentor freshman computer science majors</li></ul> Data Science Club <i>Sept 2021</i> <ul style="list-style-type: none"><li>• AWS Deep Racer - 3rd place in competition to race autonomous cars</li></ul>
<b>Skills</b>	C, C#, C++, Python, Julia, Linux, Unity3d, TensorFlow, Matplotlib, Wandb, Github, Jupyter Notebooks
<b>Awards</b>	Graduated with honors and distinction, Valedictorian, Dean's List 2020-2022 MTSU, Hope Lottery Scholarship, Aspire Lottery Scholar, Trustee Scholarship, C. Franklin Weakley Scholar