TJ MAIN

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EDUCATION

UNIVERSITY OF MISSOURI Columbia, MO
B.S. in Computer Science, Minor in Information Technology May 2025
Certificates: Cybersecurity, Web & Mobile Application Development
Engineering Coursework GPA: 3.38
Relevant Coursework: Algorithms and Data Structures, Discrete Math, Web Development, Game Development, Databases, Operating Systems, Networking, Unix, Cybersecurity

CERTIFICATIONS

CompTIA A+ July 2025
CompTIA Network+ Expected Fall 2025

UNIVERSITY PROJECTS

PUZZLE PLATFORMER May 2025
- Implemented custom gravity and collision mechanics using Unity and C#
- Designed and optimized intuitive UI menus for enhanced user experience
- Collaborated with 6-person team; participated in weekly Agile-style meetings

CHATROOM SERVER April 2024
- Created a socket-based chatroom in Visual Studio using C++ and Winsock API.
- Enabled real-time messaging via networked chat system.
- Troubleshooted edge-cases to prevent invalid inputs and unauthorized users.

PYTHON PARSER Dec 2024
- Collaborated with a 4-person team to create a language parser for Python.
- Decomposed grammar structures and resolved token processing challenges.
- Regularly collaborated to troubleshoot and improve parsing logic.

LEADERSHIP & WORK EXPERIENCE

MU IMPROV - TREASURER August 2024 - May 2025
- Managed a student organization budget exceeding $5,000
- Coordinated payments for professional performers and booked event venues.
- Organized and led workshops for 20+ members, demonstrating communication and leadership skills.

FOOD SERVICE (SUMMER) Summer 2022 - Summer 2025
- Excelled in front-of-house and cashier roles at restaurants including GIO Modern Italian and Wendy's.
- Delivered fast, customer-focused service during peak hours in high-volume environments.
- Learned quickly and praised by supervisors for speed and reliability.

ADDITIONAL

Technical Skills: HTML/CSS, .NET, SQL, Unity, Node.js, WebSocket API, Unix, Burp Suite, Subnetting, DNS/DHCP, Windows, Linux
Languages: Java, Python, C, C++, C#, JavaScript, Assembly
Academics: AP Scholar with Honor, Chancellor's Award Scholarship, ACT: 35