# Connor Joyce

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https://github.com/Conj43
https://conj43.github.io/PersonalPortfolio/

## EDUCATION

| | |
|---|---|
| Bachelor of Sciences in Computer Science | Expected Graduation Date: December 2025 |
| University of Missouri-Columbia | Current GPA: 3.94/4.00 |
| Rolla High School | GPA: 4.0/4.0 – Graduated as Valedictorian |

## WORK & VOLUNTEER EXPERIENCE

**Facilities Operations Student Assistant, University of Missouri, Columbia, Missouri**            August 2022 – Present

- Prepare for and clean after different events such as basketball games, football games and concerts.
- Strong communication skills used to understand tasks and communicate with co-workers to help accomplish tasks efficiently.
- Developed customer service skills interacting with fans at sporting events, concerts, and other events.

**Volunteer Youth Basketball Referee, Greentree Christian Church, Rolla, Missouri**            January – March 2020 & 2021

- Provided constructive feedback to players by promoting inclusivity and prioritizing health and safety.
- Demonstrated leadership and teamwork skills to emphasize the importance of teamwork and communication among players.
- Upheld standard rules and sportsmanship guidelines to effectively teach basketball regulations to players.

## PROJECTS

Tic-Tac-Toe Game

- Crafted a Tic-Tac-Toe game in Java, using Swing library, GUIs, and methods, providing users with interactive gameplay options, including multiplayer and computer opponents.
- Utilized VS Code to develop and enhance the project, building upon a foundation established in a prior command-line version of the game.
- Developed an advanced algorithm ensuring an unbeatable gaming experience, showcasing problem-solving and strategic thinking skills.

Machine Learning Driving Game

- Working as a group, we used tools such as PyGame and PyTorch to create a game where a car learns to drive around a track using Python and VS Code.
- Used Deep Q Learning to create a deep neural network that learned to drive around the track without hitting walls.
- Utilized GitHub to maintain a collaborative environment where we developed an understanding of GitHub to develop a large project in a collaborative environment.

## SKILLS

- C, Java, Java Swing Library, Python, VS Code, Eclipse, IntelliJ, Microsoft Office, Leadership, Interpersonal Skills, Patience, Leadership

## RELEVANT COURSES

- Discrete Math
- Intro to Logic Systems
- Computer Organization and Assembly Language
- Advanced Algorithm Design
- Algorithm Design and Prog. I & II
- Unix Operating Systems
- Calculus I, II & III
- Fund. of Network Technology

## ORGANIZATIONS

MU Robotics – Machine Learning/Artificial Intelligence Project Group - September 2023 – Present

## REFERENCES

Kevin Aleman, Conversion Coordinator at University of Missouri Athletics, (661) 864-5629, kja3y2@missouri.edu

Brenden Pristach, Adult Discipleship Minister at Greentree Christian Church, (815) 953-6849, bpristach@greentreerolla.org