

# Connor Joyce

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Young and curious learner who is looking to help others and gain experience. Hard working, driven and always ready for a challenge. I am looking for a summer Software Engineering internship where I can grow personally and professionally.

## PROJECTS

### Tic-Tac-Toe Game

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

### Machine Learning Driving Game

- Worked on as a group, where we learned to use tools like PyGame and PyTorch to create a game where a car learns to drive around a track using Python and VS Code
- Used a Deep Q Learning to attempt to create a deep neural network that would learn how to drive around the track without hitting any walls
- Utilized GitHub to maintain a collaborative environment where we used pull requests and learned how GitHub can be used to create one big project as a group

SKILLS - C, Java, Java Swing Library, Python, VS Code, Eclipse, Microsoft Word, Microsoft Excel, Microsoft PowerPoint, Leadership, Interpersonal Skills, Patience

## EDUCATION

### Bachelor of Sciences in Computer Science

**Expected Graduation Date: December 2025**

University of Missouri-Columbia

Columbia, Missouri

Current GPA: 3.94/4.00

## RELATED COURSES (Semester Taken & Grade Achieved) / ACTIVITIES

**Discrete Math** – Fall 2023 - A

**Intro to Logic Systems** - Spring 2023 – A

**Computer Organization and Assembly Language** – Fall 2023 - A

**Advanced Algorithm Design** – Fall 2023 - A

**MU Robotics** – Joined Machine Learning/Artificial Intelligence Project Group in September 2023

## WORK EXPERIENCE

**Facilities Operations Student Assistant**, University of Missouri, Columbia, Missouri

August 2022 – Present

- Prepare for and clean up a variety of different events such as basketball games, football games, concerts, etc.
- Have to use great communication to understand tasks assigned by boss, as well as communicating with co-workers to help accomplish tasks efficiently
- Use good manners and interpersonal skills to interact with co-workers as well as fans or audience at sporting events, concerts, etc.

GITHUB - <https://github.com/Conj43>

REFERENCES - **Kevin Aleman**, Conversion Coordinator at University of Missouri Athletics, (661) 864-5629

**Brenden Pristach**, Adult Discipleship Minister at Greentree Christian Church, (815) 953-6849