# Connor Joyce

(678) 464-3563

cpjtdx@umsystem.edu (school email) steelcity2003@gmail.com (personal email)

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