

# John Sheffield

770-833-8358 | [JohnTSheffield2002@gmail.com](mailto:JohnTSheffield2002@gmail.com) | [linkedin.com/in/thomas-sheffield-ab578824a](https://www.linkedin.com/in/thomas-sheffield-ab578824a) | [github.com/r2d2well](https://github.com/r2d2well)

## EDUCATION

### Kennesaw State University

*Bachelor of Science in Computer Science*

Kennesaw, GA

Aug. 2021 – May 2025

- Concentration in Artificial Intelligence
- GPA: 3.72
- President's List: Fall 2022
- Dean's List: 4 consecutive semesters from Spring 2022 to Fall 2023
- Relevant Coursework: Operating Systems, Algorithm Analysis, Intro to Software Engineering, Fundamentals of Data Communication, Linear Algebra, Artificial Intelligence

## EXPERIENCE

### Artificial Intelligence Club

January 2024 – Present

*Kennesaw State University*

*Kennesaw, GA*

- \* Actively participate in the AI Club at KSU, engaging in discussions and collaborative projects related to artificial intelligence and machine learning
- \* Stay updated on the latest developments in artificial intelligence through attendance at meetings.

### Cook

June 2021 – Present

*Provino's Italian Restaurant*

*Canton, GA*

- \* Coordinated with teams up to 7 members
- \* Effectively communicated with waitstaff to accommodate customer preferences
- \* Adapt to unexpected challenges with composure
- \* Thrives and excels in high-pressure situations
- \* Developed strong time management skills to meet tight deadlines and ensure prompt service during peak hours
- \* Demonstrated exceptional multitasking abilities in a fast-paced restaurant environment

## PROJECTS / ACTIVITIES

### Introduction to Software Engineering Final Project | .NET/Windows Form

January 2023 – May 2024

- \* Collaborated with 3 other classmates to develop software to improve functionality within a restaurant's business
- \* Utilized agile scrum software development tactics
- \* Different software functionality based off of role assigned to current user

### BusyBee Project | React, Git

January 2024 – February 2024

- \* Helped develop a program that identifies the species of a bee based off of a photo
- \* Work with others to develop a easy to use and understand front-end for the project
- \* Worked closely with the back-end and modeling team to ensure the project meet all the expected goals

### Virtual Operating System | C++

August 2023 – November 2024

- \* Built a virtual operating system, implementing a disk, RAM, and virtual CPUs with fetch/decode/execute cycle
- \* Created kernel and system programs to manage process control, memory management, and threads
- \* Extended virtual computer and operating system to support multiple CPUs, multithreading, and memory paging

### Minecraft Mug Maker Mod | Java/Minecraft Forge

June 2023 – July 2023

- \* Mod made for the popular game Minecraft using the forge API
- \* Worked closely with the client to ensure the mod meet and exceeded all his expectations
- \* Collaborated with CursedForge staff to publish mod on their service

### KSU's Spring Hackathon for Social Good | Android Studio/Java, Git

February 2024

- \* Implemented real-time captioning to aid individuals who are deaf or hard of hearing
- \* Collaborated with a team of 3 to design, develop, and test the app within 36 hours
- \* Developed an innovative Android application using Google ML Kit API

## TECHNICAL SKILLS

**Languages:** C/C++, Java, Python, C#, SQL, JavaScript, HTML/CSS

**Frameworks:** React, Node.js, .NET, Winodws Form, Forge

**Developer Tools:** Git, VS Code, Visual Studio, IntelliJ, PyCharm, CLion, Android Studio

**Libraries:** pynput, pytesseract, autoit, SenseHat, Google ML Kit