

Thatcher McClure

Motivated Computer Science undergraduate with a strong focus on using technology to solve real-world problems and improve people's lives. Proficient in Python, Java, SQL, and applying critical thinking to solve complex problems. Eager to contribute to impactful projects in technology.

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github.com/ThatcherMcC

EDUCATION

Newman University

Bachelor of Science in Computer Science

May 2026

Current GPA: 4.0

Tabor College

Bachelor of Science in Data Science

Aug 2022 – May 2024

GPA: 3.5

TECHNICAL SKILLS

Languages: Python, Java, C#, SQL

Software: Git, Unity, Blender, Microsoft Word, PowerPoint, Excel (MOS 2019 Associate Certified)

PROJECT EXPERIENCE

“Off World” Video Game

Tools & Technologies: Unity, C#, Blender, Git

- Developed features including procedurally generated terrain and scenery, spring-dampening floating player, AI behaviors, physics-based movement, and pickup systems.
- 3D-modeled environmental assets, player characters, and creature characters to create a cohesive and immersive game world.

1 Minute Demo: youtu.be/I9-k-yx-beE | GitHub Repo: github.com/ThatcherMcC/Off-World

NBA Prop Odd Betting Analysis

Tools & Technologies: Python, Pandas, Matplotlib, Requests, BeautifulSoup

- Scraped NBA stats and prop betting data from multiple websites using Requests and BeautifulSoup, cleaning and formatting with Pandas.
- Created clear, digestible visualizations with Matplotlib to present key statistics for NBA player performance

1 Minute Demo: youtu.be/JVl5QoullT8 | GitHub Repo: github.com/ThatcherMcC/NBA_PROP_ANALYSIS

PROFESSIONAL EXPERIENCE

Fence Builder, Redstone Fence, Texas

Apr 2022 – Sept 2022

- Collaborated in a two-person team to design and build 6-8ft fences, enhancing client property security and value.
- Operated machinery and tools to ensure precise construction, meeting deadlines, and client satisfaction.

Lifeguard, City of McKinney, Texas

May 2021 – Sept 2021

- Monitored pools for safety, enforcing rules and preventing accidents, ensuring a safe environment for an average of 50 swimmers daily.
- Provided first-aid assistance to an injured patron, demonstrating quick decision-making and effective response under pressure.

ACHIEVEMENTS

- Full Basketball Scholarship to Newman University
- Full Basketball Scholarship to Tabor University

2024 – Present

2022 - 2024