

Thatcher McClure

469-600-3235 | McKinney, TX | thatchermcclure@gmail.com | [linkedin.com/in/thatcher-mcclure](https://www.linkedin.com/in/thatcher-mcclure) | github.com/ThatcherMcc

EDUCATION

Newman University

Bachelor of Arts in Computer Science

GPA: 4.0/4.0

Aug. 2024 – May 2026

- Recipient of a Full Athletic Scholarship (Basketball) for all three years of college.

PROJECTS

Data-Driven Client Segmentation | *Python, Pandas, Scikit-Learn, Matplotlib*

June 2025 – June 2025

- Engineered **real-world, unstructured bookkeeping data** into a clean format, including PII anonymization
- Developed customer segments based on **RFM analysis** using **K-Means clustering**.
- Translated analytical insights into **actionable business recommendations** for a service-based business.

GitHub: github.com/ThatcherMcc/Customer-Segmentation-Analysis

"Off World" (Video Game Development) | *C#, Unity, Blender*

July 2024 – Present

- Developed core gameplay mechanics, including **procedurally generated** terrain and scenery, **AI behavior trees**, and physics-based movement.
- **3D-modeled** environmental assets, player characters, and creature characters.
- Designed and implemented User Interface (UI) elements for chat functions and health display, enhancing player experience.

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

NBA Player Prop Performance Analyzer | *SQLite, Web Scraping, Plotly*

Jan 2025 – March 2025

- Scraped and cleaned NBA player statistics using **Requests** and **BeautifulSoup**, then stored the data in a **SQLite** database for analysis.
- Generated **clear, digestible data visualizations** to present key statistics for NBA player "over" performance against prop lines.

1 Minute Demo: youtu.be/JVl5Q0ullT8 | GitHub: github.com/ThatcherMcc/NBA-Player-Prop-Analysis

EXPERIENCE

Event Sales Associate

Summer 2024, Summer 2025

Individual Tournament Director

Plano, TX

- Managed **point-of-sale operations** for event admissions, **negotiating pricing** when needed to finalize sales and enhance revenue.
- Provided **direct customer support** and information to attendees, efficiently resolving inquiries and contributing to a positive event experience

Lifeguard

June 2021 – Aug 2021

City of McKinney

McKinney, TX

- Monitored pools for safety, **enforcing rules** and preventing accidents, **ensuring a safe environment** for an average of 100 swimmers daily.
- Administered immediate **first-aid care** to an injured individual, demonstrating **critical decision-making** and effective response protocols under pressure.

TECHNICAL SKILLS

Languages: Python, C#, Java, SQL, HTML, CSS

Frameworks: Next.js, Tailwind CSS, React

Libraries & Tools: Git, Pandas, Scikit-Learn, Matplotlib, Seaborn, NumPy, Requests, BeautifulSoup

LEADERSHIP, AWARDS & ACTIVITIES

Co-Founder & Vice President | *Newman University*

April 2025 – Present

- Established a student programming collective, targeting 20+ workshops/events and 30+ members.

Recipient: Full Athletic Scholarship (Basketball) for three years across Newman University and Tabor College

Dean's List : Fall 2022 — Spring 2025