Thatcher McClure

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EDUCATION

Newman University   GPA: 4.0/4.0
Bachelor of Arts in Computer Science   *May 2026*

EXPERIENCE

AI Engineering Intern   Aug 2025 – Present
Newman University, Wichita, KS

- Contribute to the development of a calendar-based AI assistant by crafting **prompt-engineered API calls** to a large language model, which streamlined event scheduling for users.
- Collaborate on the strategic planning for a future initiative to deploy **personalized AI assistants** for educators, aiming to reduce administrative tasks and provide customized, data-driven student support.
- Conduct testing and debugging of the AI assistant's responses, identifying and resolving issues to **ensure high accuracy and reliability**

Event Sales Associate   Summer 2024 & Summer 2025
Texas Glory Softball Club, McKinney, TX

- Engaged directly with customers to sell event passes and provide tournament information, **handling an average of 60+ daily transactions**.
- Managed all on-site sales, including **processing cash and credit card payments**, ensuring accuracy and efficiency in a fast-paced environment.

PROJECTS

"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.

Data-Driven Client Segmentation | *Python, Pandas, Scikit-Learn, Matplotlib*   June 2025

- Engineered **real-world**, **unstructured bookkeeping data** into a clean format, utilizing **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**.

NBA Player Prop Performance Analyzer | *Web Scraping, Pandas, Matplotlib*   Jan 2025 – March 2025

- Scraped player statistics using Requests and BeautifulSoup to be cleaned and formatted for analysis.
- Generated **clear**, **digestible data visualizations** to present key statistics for NBA player "over" performance against prop lines.

TECHNICAL SKILLS

Languages: Python, C#, Java, Typescript, SQL, HTML, CSS
Frameworks: Next.js, Tailwind CSS, React
Developer Tools: Git, GitHub, Unity(Game Engine), Blender

LEADERSHIP, AWARDS & ACTIVITIES

Newman Coding Club Co-Founder & Vice President | *Newman University*
Recipient: Full Athletic Scholarship (Basketball) for four years across Newman University and Tabor College
Dean's List: Newman University: Fall 2024 – Spring 2025, Tabor College: Fall 2022 – Spring 2024