Gage M. Weaver

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EDUCATION

University of Kansas   **Lawrence, Kansas**
B.S. in Computer Engineering   *Aug 2022 – Current*
- **GPA/Awards**: 3.83 GPA, Spring/Fall 2023 Honor Roll, Garmin Excellence Scholar
- **Related Coursework**: Programming 1 & 2, Digital Logic Design, Circuits 1 & 2, Electromagnetics, Calculus 1-3, Linear Algebra, Differential Equations, Discrete Structures

EXPERIENCE

Adams Brown   **Wichita, Kansas**
Information Technology Intern   *Jun 2024 – Aug 2024*
- Current Role, Section will be updated once Started.

Tutor.com   **Remote, Kansas**
Mathematics Tutor   *Oct 2023 – Current*
- Utilized problem-solving techniques to identify and address student knowledge gaps through meaningful questions.
- Recipient of Distinguished Tutor award for excelling in promoting student understanding of topics.

Panera Bread   **Wichita, Kansas**
Team Lead   *Apr 2022 – Aug 2022 & May 2023 - Jul 2023*
- Accurately and Efficiently worked with management to address store and team issues and implement solutions.
- Team efforts resulted in being designated as the official training cafe in Kansas.

PROJECTS (See Portfolio Website For Project Demos)

PocketDJ   **HACK KU 2024**
Developer   *Python, Javascript, Flask, API's*
- Collaboratively developed PocketDJ, a web app and Adobe Express extension leveraging the HuggingFace API for sentiment analysis. Detected user mood through camera input or file upload and recommended Spotify songs based on emotion, with a preview function powered by the Spotify API.
- Technologies: Python, Javascript, Flask, HTML, CSS, Spotify API, HuggingFace API, Streamlit
- Awards: Most Creative Adobe Express Add-On

NBA MVP Prediction Program   **Personal Project**
Developer   *Python, Web-Scraping, Machine Learning*
- Developed a machine learning program in Python to predict NBA MVP winners. The model analyzes data from previous NBA seasons and their respective MVP voting share. Then breaks down this data and makes predictions using Ridge Regression and Random Forest Regression.
- Technologies: Python, Pandas, Scikit-Learn, BeautifulSoup, Machine Learning, Web-Scraping, Regression

ACTIVITIES AND LEADERSHIP

University of Kansas esports   **Lawrence, Kansas**
Team Member   *Jan 2023 – Current*
- Captain for the University of Kansas Rocket League team yellow for spring 2023. Scheduled scrimmages and optimized practice to best fit team availability.
- Substitute for University of Kansas Rocket League team red from the Fall of 2023 to the present. Assisted team in practices and scrimmages to further player skills and assist in growing the team environment.

SKILLS

Programming: Python, Javascript, HTML/CSS, Flask, Data Structures & Algorithms, SQLAlchemy
Computer Engineering: Circuit Analysis, PSPICE, Logic Design, VHDL, EAGLE PCB Design, MATLAB