

Gage Weaver

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EDUCATION

University of Kansas

Lawrence, Kansas

B.S. in Computer Engineering

August 2022 – Current

- **GPA/Awards:** 3.8 GPA, Spring & Fall 2023 Honor Roll, Fall 2024 Dean's List, Garmin Excellence Scholar
- **Software Courses:** Programming 1 & 2, SWE, Programming Paradigms, Embedded Systems, Operating Systems
- **Computer/Electrical Courses:** Circuits 1&2, Electromagnetics, Electronic Circuits, Digital Systems Design
- **Class Project:** Project Manager & Developer for term-long project, focusing group efforts through agile processes
- **Work:** Supplemental Instructor for EECS 202 (Circuits 1). Providing instruction sessions to enhance learning.

EXPERIENCE

Wells Fargo

St. Louis, Missouri

Software Engineering Intern (Wealth and Investments)

June 2025 – August 2025

- Developed full-stack applications utilizing Java, Spring Boot, React, MongoDB and Typescript.
- Participated in the full agile development cycle including story writing/planning and reviews.
- Built an application for internal platform engineering teams to utilize, improving complex workflows.

Adams Brown

Wichita, Kansas

Information Technology & Data Analytics Intern

June 2024 – August 2024

- Developed a key data analytics project utilizing DAX, Power BI, and SQL focused on company financials for an internal team, leading to being the first intern ever nominated for the Adams Brown One Award.
- Designed and Implemented a key project focused on automating the onboarding process. The Powershell automation resulted in completely eliminating the need for manual email signature creation.

PROJECTS (See Portfolio Website For Project Demos)

PeTAI

HACK KU 2025

- Developed a cross-platform Personal Trainer Assistant that was crowned the winner of the Pella Corp. sponsorship track. Using computer vision for real-time workout form feedback. This application, built with Swift/SwiftUI for iOS and JavaScript for web, analyzes movement patterns to enhance exercise safety and effectiveness.

CheckYoSelf

Midwest Block-a-Thon 2025

- Designed CheckYoSelf, a peer-to-peer marketplace aiming to help users transact with authentic items. CheckYoSelf utilizes iPhone scanning to create 3D assets that can be projected next to the physical item when buying or selling. Built with Python, HTML, Javascript, and Swift. Awarded 2nd place at Midwest Block-a-Thon.

Kaggle Mental Health Classification Challenge · Top 0.3% (7th of 2,685)

November 2024

- Built a GPU-accelerated CatBoost model with CUDA support and advanced Optuna hyperparameter tuning to classify mental health conditions from tabular indicators.
- Engineered a scalable training pipeline using scikit-learn, pandas, and NumPy, with robust preprocessing, feature selection, and cross-validation strategies

PocketDJ

HACK KU 2024

- 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. PocketDJ won the Adobe-Express track.

SKILLS

Software: Python, Javascript, Java, React, HTML/CSS, C/C++, SQL, MongoDB, Flask, Power BI, Machine Learning

Computer Engineering: Circuit Analysis, PSPICE, Logic Design, VHDL, EAGLE PCB Design, MATLAB, Embedded Systems