

# Gage Weaver

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## EDUCATION

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### University of Kansas

Lawrence, Kansas

B.S. in Computer Engineering

August 2022 – May 2026

- **GPA/Awards:** 3.8 GPA, Spring & Fall 2023 Honor Roll, Fall 2024 Dean's List, Garmin Excellence Scholar
- **Coursework:** Machine Learning, Operating Systems, Data Science, Probability & Statistics, Digital Systems Design
- **Class Project:** Project Manager & Developer for term-long project, focusing group efforts through agile processes
- **Instruction:** Supplemental Instructor for EECS 202 (Circuits 1). Providing instruction sessions to enhance learning.

## EXPERIENCE

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### Wells Fargo

St. Louis, Missouri

Software Engineering Intern (Wealth and Investments)

June 2025 – August 2025

- Engineered full-stack applications using Java, Spring Boot, React, MongoDB, and TypeScript.
- Collaborated throughout the agile development cycle by contributing to story writing, planning, and reviews.
- Built an internal application that streamlined complex workflows for platform engineering teams.

### 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)

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### PeTAI

HACK KU 2025

- Developed a cross-platform Personal Trainer Assistant, winning the Pella Corp. sponsor track at HACKKU 2025.
- Utilized computer vision for real-time workout form feedback and HTML/CSS & JavaScript for the web-app.

### CheckYoSelf

Midwest Block-a-Thon 2025

- Designed CheckYoSelf, a peer-to-peer marketplace aiming to help users transact with authentic items. Utilizing 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 the Midwest Block-a-Thon.

### IMC Prosperity Trading Challenge · Top 1.6% (221 of 13,614)

April 2025

- Designed algorithmic trading strategies under real-world constraints. As well as solving open-ended manual trading challenges to achieve a top placement.
- Leveraged Python, NumPy, and time-series techniques to optimize returns across many different assets.

### 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 that won the Adobe Express track.
- Utilized HuggingFace API for sentiment analysis to detect user mood via camera or file upload, recommending Spotify songs with integrated preview functionality via the Spotify API.

## SKILLS

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