Gage Weaver

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EDUCATION

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
- **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*

- 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)

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.

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, Pandas, 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

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