

AVA WEISHEIT

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EDUCATION

Indiana University - Luddy School of Informatics, Computing, and Engineering | Bloomington, IN

B.S. Data Science, Sports Analytics Specialization | Expected May 2027

Minors: Statistics; Sports Marketing & Management | **GPA: 3.92/4.00**

Honors: Provost Scholarship (\$16,000); Dean's List (7 semesters)

TECHNICAL SKILLS

Languages: R, Python

Libraries: tidyverse (dplyr, ggplot2), hoopR, pandas

Analytics: Statistical Analysis, Data Cleaning, EDA, Web Scraping

Methods: Regression, Classification, Clustering, Model Evaluation, K-means

Tools: Git, Excel, Google Sheets, Google Apps Script

RELEVANT EXPERIENCE

Silly Pickles | Data Analytics & Engineering Intern

June 2026 – Aug 2026

- Engineered an automated P&L reporting pipeline for a 600+ league sports business, using Google Apps Script to synchronize league data daily, calculate cost and capacity metrics, and automatically alert stakeholders to newly added leagues.
- Consolidated and standardized multi-source spreadsheet data across leagues, locations, and seasons, creating a centralized dataset for longitudinal operational and financial analysis.
- Integrated league-level economics with paid acquisition performance using CAC, ROAS, and Meta attribution metrics to support marketing and profitability analysis.

Indiana University | Undergraduate Instructor - C200: Introduction to Computers and Programming

Aug 2026 – Present

- Independently lead weekly programming labs, translating foundational computing concepts into accessible instruction while managing grading, student progress, and individualized technical support.

Indiana University | Teaching Assistant - A310: Problem Solving Using Data

Aug 2025 – Dec 2025

- Supported weekly data science labs and office hours, guiding students through Python programming, data analysis, and analytical problem-solving while providing feedback on technical coursework.

PROJECTS

Men's College Basketball Player Analytics | R, dplyr, hoopR, K-means

- Built a multi-season NCAA men's basketball analytics pipeline in R, aggregating player box scores and conference data from 2016–2026 and engineering per-game, efficiency, and role-based features.
- Developed position-specific player archetypes using standardized features and K-means clustering to classify guards, forwards, and centers by statistical playing style.

LEADERSHIP & INVOLVEMENT

Sweetgreen | Shift Lead

Jul 2026 – Present

- Supervise shift operations, staff assignments, production decisions, opening/closing procedures, and cash handling.

Sports Analytics Association | Co-Founder & Co-President

Sep 2026 – Present

- Co-founded a 20-member student organization focused on developing practical sports analytics skills through student-led projects, technical workshops, and career exploration.
- Lead weekly meetings, develop original workshops and presentations, coordinate faculty outreach, and guide discussions on analytics applications and careers in the sports industry.

Alpha Delta Pi - Beta Alpha Chapter | Recruitment Analyst

Oct 2025 – Present

- Analyze quantitative evaluations and qualitative feedback using R and Excel to support data-informed recruitment decisions while leading analysis workflows and coordinating with chapter leadership.

Indiana University Auditorium | Senior Clerk

Aug 2024 – Present

- Support ticketing and sales operations using Archtics, resolving customer issues and gaining firsthand exposure to purchasing behavior, event demand, and factors influencing ticket sales.

INTERESTS

Basketball | Scrapbooking | National Parks | Concerts | RKS | Traveling | Culvers | LV Aces | LA Rams | Cooking | Vinland Saga