

John Wise

john@johnwise.me | (352) 663-3368 | johnwise.me

PROFESSIONAL SUMMARY

Data scientist and AI practitioner with a background spanning LLM evaluation, independent investigative data analysis, and a decade of adult education. Pursuing an M.S. in Applied Data Science (AI concentration) at Syracuse University. Brings advanced Python and R skills, hands-on experience with machine learning pipelines and agent-based workflows, and a track record of publishing transparent, reproducible analyses on complex public datasets.

EDUCATION

Syracuse University, School of Information Studies

M.S., Applied Data Science (AI concentration).

Expected Winter 2027

Relevant Coursework: Machine Learning, Natural Language Processing, Statistical Methods, Database Administration, Business Analytics, Data Science Fundamentals

Indiana University East

B.S., Data Science. Outstanding Student in Data Science, 2023-2024; Dean's List, 2022-2023.

December 2023

GPA: 3.89.

Florida Gateway College

A.A. Summa Cum Laude.

May 2019

EXPERIENCE

AI Data Trainer (Contract)

January 2024 – Present

DataAnnotation Tech

Remote

- Evaluate LLM outputs across coding, reasoning, and instruction-following tasks; write reference solutions and adversarial test cases that surface model failure modes.
- Develop workflows in Python, R, and Jupyter and contribute to LLM and agent-based pipeline projects.
- Document edge cases and structured feedback to support ongoing model refinement.

Intern

May 2023 – August 2023

University of Utah Prison Education Project

Remote

- Evaluated the Education Justice Tracker, a data platform for higher-education-in-prison program administrators, for usability, data accuracy, and research value.
- Investigated public access barriers to corrections data and documented patterns of agency refusal and recordkeeping inconsistency.
- Presented findings at the 2023 Cornell University Prison Education Project Symposium.

Fellow

August 2021 – May 2022

Community Spring

Gainesville, FL

- Co-founded the Lighthouse Campaign for Affordable Housing.
- Led policy research, coalition-building, and public communications around housing inequity in Gainesville.

GED Instructor

2013 – 2021

Florida Department of Corrections

- Developed and delivered curriculum for adult learners pursuing GED credentials in carceral education settings.
- Provided individualized instruction and peer mentoring to a population with high educational variability and adversity, supporting sustained gains in program pass rates.
- Restarted and led an AutoCAD vocational course at Tomoka Correctional Institution.

PROJECTS

Discipline Data in Florida Prisons johnwise.me/fdle_disciplinary

- Built the first public, code-driven analysis of Florida's prison discipline system using raw FDLE data.
- Collapsed 100+ rule violations into actionable categories and examined how race and offense category shape outcomes.
- Published methodology and code openly; produced an interactive 3D visualization of findings.

FDOC Mortality Investigation johnwise.me/FDOC_deaths

- Conducted critical analysis of incarcerated death rates in Florida, comparing FDOC's age-adjusted mortality against statewide rates.
- Built in Python with Altair using a transparent, end-to-end methodology that challenges state-issued statistical narratives.

Recipe Keeper johnwise.me/recipes

- Designed and built a privacy-first recipe and meal-planning app with a curated public catalog; all personal user data stored in-browser with no accounts or tracking.

- Implemented a D3.js force-directed Route Graph to build weekly meal plans that minimize total shopping while maximizing variety.
- Used Supabase Postgres for the public catalog and localStorage for user state.

CERTIFICATIONS

- AI Application Development Track, DataCamp, 2024
- Google Data Analytics Professional Certificate, Coursera, 2021
- Industrial Electronics with PLC Technology, Cleveland Institute of Electronics, 2016

SKILLS

Languages: Python (advanced), R, SQL (T-SQL, PostgreSQL), Bash, JavaScript

Data & Statistics: pandas, NumPy, scikit-learn, statsmodels, Bayesian methods (R: BayesFactor, HDI, ANOVA, changepoint detection)

Machine Learning: PyTorch, XGBoost, ensemble methods, decision-boundary analysis, Bayesian hyperparameter optimization

Visualization: Altair, matplotlib, seaborn, D3.js, three.js, plotly.js

Databases & Storage: PostgreSQL, MySQL, SQLite, Supabase, Azure Data Studio

Infrastructure & Tooling: Linux (Kubuntu, NixOS), Git (Codeberg, GitHub), FastAPI, Docker, Raspberry Pi self-hosting

Additional Tools: LangChain, LangSmith, ChromaDB, RDF/SPARQL, Solid Pods, React Flow

SELECTED PRESENTATIONS & SERVICE

- Presenter, 2023 Cornell University Prison Education Project Symposium
- Participant, 2023 Bennington College Think-Tank on Higher Education in Prison