

# Danny Lawrence

[djlawrence1209@gmail.com](mailto:djlawrence1209@gmail.com) | [djlawrence1209.com](https://djlawrence1209.com) | [linkedin.com/in/djlawrence1209](https://linkedin.com/in/djlawrence1209) | [github.com/djlawrence1209](https://github.com/djlawrence1209)

## EDUCATION

### Florida International University

Miami, FL

Master's in Data Science | GPA: 3.5

December 2026

**Courses:** Data Science, AI, Data Structures, Data Mining, Database Management, Statistics, CodePath E3 Scholar

## TECHNICAL SKILLS

Languages: Python, SQL, R, RStudio, MATLAB, Java, C++, JavaScript

Data & ML: Pandas, NumPy, TensorFlow, Scikit-learn

Visualization & Databases: Matplotlib, PowerBI, Tableau, PostgreSQL, MongoDB, REST APIs

## EXPERIENCE

### Machine Learning Research Assistant

May 2025 - Aug 2025

Algoverse

Remote

- Researched adaptive AI frameworks with CoT reasoning and RAG, improving role-task accuracy by 20%.
- Designed and tested an AI agent to evaluate adaptability and benchmark performance against GPT-4.
- Researched and optimized prompting, role conditioning, and tuning methods to improve adaptability.

### Data Analyst Intern

Jan 2024 - Apr 2024

GlaxoSmithKline (GSK)

Miami, FL

- Analyzed medical data sets, reducing socioeconomic barriers by 15% in underrepresented communities.
- Built data visualization dashboards, allowing stakeholders to optimize trends and resource allocation.
- Applied data-driven strategies, contributing to increased vaccination rates in marginalized areas.

### Tech Fellow

Jan 2025 - Apr 2025

CodePath

Remote

- Facilitated technical sessions on data concepts, debugging techniques, and collaborative best practices.
- Refined technical problem-solving skills by delivering clear explanations and actionable feedback.

## PROJECTS

### Powerlifting Data Analytics (REST APIs, Next.js, TypeScript, Chart.js)

- Built a regression powered dashboard, boosting training insight through real-time data analysis.
- Developed predictive models to recognize KPIs, and reduce injuries by 30%.
- Integrated Google's **REST APIs** with a **Next.js & Tailwind** frontend for seamless performance tracking.

### Full-Stack Job Application Tracker (MERN Stack, HTML/CSS)

- Engineered a job tracker, helping users save 20% more time, by streamlining applications and updates.
- Optimized a scalable backend enhancing system efficiency, and allowing for continuous integration.

### AI-Powered Web Scraping & Data Querying (Python, Selenium, Streamlit)

- Engineered a versatile web scraper capable of extracting data from any website for AI-powered analysis.
- Integrated LLaMA3.2 via **LangChain** and **OLLama**, enabling real-time analysis on scraped data.

## LEADERSHIP/PROFESSIONAL DEVELOPMENT

### CodePath TIP102 Student

Jan 2025 - Apr 2025

- Completed 12 weeks covering data structures, algorithms, and technical interview strategies.
- Collaborated in building over 30+ coding problems in Python, emphasizing clarity and efficiency.

### FIU Powerlifting President

Jan 2025 - Present

- Led and organized training programs, competitions, and recruitment efforts, growing the team by 24%.
- Developed athlete performance strategies, finishing 2nd in USAPL Collegiate States 2025.