

# Danny Lawrence

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## EDUCATION

### Florida International University

Miami, FL

Master's in Data Science | GPA: 3.4

Dec 2026

**Courses:** Data Science, Data Structures, Software Development, Comp Arch, Database Management, Statistics

**Extracurricular Courses:** CodePath E3 Scholar - Technical Interview Prep & Data Structures

## TECHNICAL SKILLS

**Language:** Python, SQL, R, Java, C++, JavaScript, TypeScript, PHP

**Tools:** MongoDB, Express, React.js, Next.js, RestAPI, Azure, AWS, Linux, SaaS, LLama, LangChain, Pandas, NumPy, TensorFlow, MATLAB, Matplotlib, Chart.js, Power BI, PostgreSQL, Tableau, VSCode, GitHub, Angular, Docker

## EXPERIENCE

### Solutions Architect Intern

Jan 2023 - April 2023

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.
- Developed Agile strategies to help problem-solving, increasing vaccination rates in marginalized areas.

### CodePath Tech Fellow

Jan 2025- April 2025

CodePath

Remote

- Mentored 30+ students in problem-solving and debugging through weekly coding sessions.
- Led group programming and reviews to strengthen software development skills and code quality.

## PROJECTS

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

- Built a regression powered dashboard, boosting training insight by 50% through real-time data analysis.
- Developed predictive models to recognize KPIs, reducing injuries by 80% with automated warnings.
- 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.
- Built UX/UI prototypes for job and resource hubs, connecting users to educational and job content.

### AI-Powered Web Scraping & Data Querying (Python, Selenium, StreamLit, LangChain, Ollama)

- 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 - April 2025

- Participated in 12 weeks of collaborative programming with peers, preparing for technical interviews.
- Refined technical problem-solving skills and communicating ideas by sharing constructive feedback.
- Strengthened behavioral interview skills, and improved clarity by explaining with attention to detail.

### 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.

**Organizations:** Codepath, INIT FIU, WiCS, SHPE, GDSC, Break Through Tech Miami, Code Crunch