

Daniel Oyasodun

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EDUCATION

New Jersey Institute of Technology

Newark, NJ

Bachelor of Science in Computer Science

Sep. 2022 – Expected Aug. 2025

TECHNICAL SKILLS

Languages: Java, Python, C / C++, C#, Kotlin, JavaScript, Bash, HTML, XML, R, TypeScript

Frameworks & Tools: Django, React, Next.js, Git, Docker, AWS

Databases: PostgreSQL, MongoDB, DuckDB

Libraries & Data Tools: Pandas, NumPy, Matplotlib, Seaborn, Plotly, Tableau

Platforms & OS: Windows, Linux, Unix, Android

EXPERIENCE

Computer Science Tutor

June 2023 - Aug. 2023

New Jersey Institute of Technology

Newark, NJ

- Led Java & Python workshops for 35+ students, boosting assessment scores by 20% through personalized study plans and coding exercises.
- Developed tailored study plans and interactive coding exercises, strengthening students' confidence and problem-solving skills.

PROJECTS

AI Resume Builder — Job-Aware Resume Platform | Repository | Website

Feb. 2025 – May 2025

Django, React, Supabase, Auth0, Heroku, Vercel

- Developed a full-stack web app for AI-powered resume generation, including editing, formatting, and storage features.
- Designed RESTful APIs to manage resume sections and generate PDF/Markdown/HTML output.
- Secured authentication via Auth0 and deployed backend (Heroku) and frontend (Vercel) services.

Sports Data Visualization — Data Analytics for Sports Insights | Repository | Ongoing

Feb. 2025 – Present

R, Python, Tableau, Data Visualization

- Built a series of data visualizations in R and Python to explore sports analytics across NBA, EPL, and more.
- Created shot charts, heatmaps, and performance graphics to uncover actionable insights.
- Focused on developing skills in data storytelling and communicating sports performance metrics effectively.

LinkUp — Full-Stack Social App | Repository | Website

Dec. 2024 – Jan. 2025

TypeScript, Next.js, Tailwind, PostgreSQL (Neon), Clerk Auth, Vercel

- Developed a full-stack social media app with real-time posts, media uploads, and secure auth via Clerk.
- Implemented SSR, lazy loading, and Uploadthing for fast, seamless media delivery and performance.
- Integrated PostgreSQL (Neon), Clerk for auth, and Uploadthing for seamless media handling.

NBA Snapshot — Android NBA Score Tracker | Repository | Demo

Nov. – Dec. 2024

Kotlin, XML, Room, Coroutines

- Designed a Kotlin-based Android app for real-time NBA scores using ESPN's API, with offline caching via Room DB.
- Leveraged Kotlin coroutines for smooth background tasks and responsive UI.
- Optimized data flow for minimal API calls and improved user experience.

Simple Pascal-Like Compiler — Custom Language Interpreter

Nov. 2023 – Dec. 2023

C++

- Built a compiler with a lexer, recursive-descent parser, and interpreter for a Pascal-like language, applying compiler theory for tokenizing, parsing, and executing code.