

Daniel Oyasodun

Newark, New Jersey

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EDUCATION

New Jersey Institute of Technology

Bachelor of Science in Computer Science

Newark, NJ

Sept. 2022 – Present

RELEVANT COURSEWORK

Database Management, Operating Systems, Web App Development, Android App Development

TECHNICAL SKILLS

Programming Languages: Java, Python, C, C++, HTML, JavaScript, Kotlin, XML

Operating Systems: Windows, Linux, Unix, Android

Database: SQL Server, Oracle Database

Technologies/Frameworks: Pandas, NumPy, React, Node

RELEVANT EXPERIENCE

IT Volunteer

CDHDM

May 2023 – Present

Union, NJ

- Diagnosed and resolved Windows hardware/software issues, reducing system downtime by 30% and improving IT efficiency.
- Trained staff on system operations, improving digital literacy and reducing recurring IT issues by 25%

Computer Science Tutor

Educational Opportunity Program, NJIT

June 2023 - Aug. 2023

Newark, NJ

- Conducted group workshops and one-on-one tutoring for 35 students, leading to a 20% increase in Java and Python assessment scores.
- Designed personalized study plans and hands-on coding exercises, fostering students' confidence, critical thinking, and problem-solving abilities.

PROJECTS

Fighting Game | *HTML, JavaScript* | [Repository](#) | [Game](#)

May 2024

- Developed a 2D fighting game using HTML5 Canvas and JavaScript, featuring collision detection, physics-based animations, and smooth character movements.
- Applied Agile development principles, using sprint-based feature releases to iteratively refine mechanics and UI.
- Designed intuitive gameplay mechanics and a responsive UI, ensuring a seamless player experience.

NBA Snapshot | *Kotlin, XML* | [Repository](#) | [Walkthrough](#)

Dec. 2024

- Engineered a feature-rich Android app showcasing live NBA scores, team statistics, and player analytics via ESPN's API.
- Implemented Room database caching for offline access, reducing API calls and improving app performance.
- Used Kotlin coroutines for efficient background processing, ensuring smooth UI interactions.

LinkUp | *TypeScript, Tailwind CSS, React, Next.js* | [Repository](#) | [Website](#)

Jan. 2025

- Built a full-stack social media platform allowing users to post updates, upload images, and follow others in real time.
- Integrated Neon (PostgreSQL) for scalable database management, Clerk authentication for secure user sign-ups and Uploadthing for seamless image uploading.
- Enhanced user experience with lazy loading, infinite scrolling, and server-side rendering (SSR) for ultra-fast content delivery.

ADDITIONAL EXPERIENCE

Youth Basketball Coach

ZooCrew

June 2022 - Aug 2023

Newark, NJ

- Coached and mentored 15 athletes, instilling teamwork, adaptability, and strategic thinking in high-pressure scenarios.
- Designed tailored training programs that enhanced leadership, teamwork, and analytical skills, fostering problem-solving abilities relevant to software development.