Oluwanifemi Ogunmesa

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EDUCATION

Grinnell College, Grinnell, IA
Bachelor of Arts — Computer Science (Concentration in Statistics) | *Graduated May 2025 Availability: Immediately*
Relevant Coursework: Applied Data Science, Statistical Modeling, Software Development, Algorithms, Computer Architecture, Data Structures

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TECHNICAL SKILLS

Languages: Python, R, SQL, Java, JavaScript, TypeScript, C, HTML, CSS
Frameworks & Tools: React, Node.js, Firebase, Git, Microsoft Excel
Databases: MySQL, PostgreSQL, MongoDB, REST APIs
Methodologies: Agile, Scrum, Test-Driven Development (TDD), Jest, Enzyme, Docker

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CERTIFICATIONS

Intermediate Cybersecurity Certificate — CodePath | Spring 2024

- Awarded for outstanding performance in the Intermediate Cybersecurity Course (Certificate ID: 220609)

EXPERIENCE

Grinnell College | Research Assistant (Baseball Analytics) | Grinnell, IA | Spring 2025

- Collaborated with a team of 3 to develop a data-driven Shiny application aimed at helping the Grinnell College baseball team optimize performance through data-informed decision-making.
- Built ETL pipelines using R to clean, structure, and integrate team-collected and external league data.
- Conducted bi-weekly presentations with stakeholders to share findings and iteratively improve the application based on client feedback.
- Analyzed trends to recommend adjustments in practice time allocation, player development, and game strategy.
- Final deliverable deployed as an interactive R Shiny dashboard: baseballteam.shinyapps.io/Final330App

BNY Mellon | Trust Operations Analyst Intern | Houston, TX | Summer 2024

- Resolved 200+ ticketing issues related to metrics reporting and data discrepancies, improving data accuracy and reporting efficiency.
- Optimized key performance indicators (KPIs) for data transport, improving team efficiency by 30% and report generation times by 20%.Collaborated with teams to streamline financial data processing, reducing manual effort and enhancing data integrity.
- Collaborated with teams to ensure accurate reporting and smooth data flow between departments.

Grinnell College | Student Event Coordinator - Wilson Center | Grinnell, IA | November 2021 – Present

- Led major campus-wide events such as TEDxGrinnell, HackGC, a 24-hour collegiate hackathon, and Pioneer Weekend, Grinnell's student startup incubator-style competition.
- Oversaw all aspects of planning—from logistics and budgeting to coordinating with speakers, judges, and mentors—to bring together 600+ students, alumni, and tech professionals.
- Designed participant feedback forms using Google Forms and informal interviews, then tracked responses in spreadsheets to improve future events—boosting satisfaction ratings by 17% and repeat participation by 22%.

PROJECTS

Stressless | Software Development Course

- Collaborated on a full-stack productivity tracking app with task management, goal setting, and progress tracking features. using React, Node.js, and Firebase.
- Implemented authentication, real-time data storage, and task management features to enhance user engagement.
- Conducted user testing and iterated UI/UX based on feedback.

FinanceTracker (Full-Stack) | Personal Project

- Developed a finance tracking app with JavaScript (React, Node.js), PostgreSQL, and CSS.
- Integrated REST APIs to fetch live stock market data and provided interactive financial insights.

Yoruba Language Learning App | Personal Project

- Created an interactive platform incorporating quizzes and multimedia for engaging language learning.
- Increased user retention by 45% through thoughtful design and gamification.

LEADERSHIP & INVOLVEMENT

Girls Who Code | Co-Founder & Director of Facilitation | Grinnell, IA | August 2021 – Present

- Established the first Girls Who Code club at Grinnell, fostering an inclusive environment for young students to learn coding.
- Designed and led interactive robotics lessons using Sphero and mBot to teach block programming, managing logistics, including curriculum design, classroom facilitation, and transportation coordination.