CHIEBUKA ONYEJESI

+1(216) 457-6629 | chiebukaonyejesi@gmail.com | www.linkedin.com/in/chiebuka-onyejesi

EDUCATION

Case Western Reserve University | *Cumulative GPA: 3.80*   *Expected Graduation: May 2027*
Bachelor of Science - Computer Science Major, Data Science Minor

Relevant Coursework: Data Structures & Algorithms, Computer Security, Java Programming, Full Stack Web Development
Honors: Intel Corporate Scholarship (NSBE)**,** Dean's List (2023-Present), Runner-up in HackCWRU (2023), HackHarvard participant.

TECHNICAL SKILLS

Languages: Python, Java, JavaScript, HTML, CSS, SQL, R
Frameworks & Tools: React, Tailwind CSS, Node.js, Express, Git, PostgreSQL, AWS, Figma, Azure App Services, Vercel
Concepts: Object-Oriented Programming, Networking Fundamentals, Databases, QA/Debugging, Cloud (Azure), Web Services, Agile
Platforms: Windows, Linux, MacOS

EXPERIENCE

John Deere   Moline, Illinois
Software Engineering Intern   *May 2025-Aug 2025*
- Enhanced our SHIELD website, an internal vulnerability visualization platform, by integrating Cloud Threat Resources (CTR) data into the findings dashboard, enabling real-time visibility of GitHub repository risks.
- Built backend APIs and Databricks ETL pipelines to ingest CTR data into ServiceNow-integrated databases, using AWS for scalable deployment.
- Increased system visibility and efficiency for security teams, reducing triage time and saving over $100k annually.

Parker Hannifin Corporation   Cleveland, OH
Software Engineering Intern   *May 2024-Aug 2024*
- Built a React-based frontend for an internal AI assistant with real-time video transcript retrieval, improving engagement by 30%.
- Assisted backend automation with Python, streamlining video ingestion, transcript generation via Azure Video Indexer, and knowledge retrieval through OpenAI-powered search. Designed a scalable pipeline for efficient data indexing and retrieval.
- Collaborated with a 3-person team to integrate search capabilities using Azure AI Search, ensuring seamless end-to-end functionality for precise and context-aware responses.

PROJECTS

Helthy | AI-Powered Fitness & Nutrition Platform   *July 2025*
- Co-developed a full-stack mobile app combining calorie tracking, workout logging, step counting, and TDEE analytics —built with React Native, Node.js, Fastify.js, and Postgres for real-time, cross-platform performance.
- Implemented an AI fitness coach that analyzes logged meals and workouts to deliver personalized nutrition targets, training suggestions, and habit feedback — powering a premium, scalable user experience built for future SaaS growth.

Refactr | High-Volume File Conversion Web App   *May 2025*
- Developed backend architecture for 500+ file format conversions with instant previews, secure uploads, and parallel processing using Node.js, MIME detection and CLI utilities like LibreOffice and FFmpeg.
- Designed a clean, user-friendly UI with React and Tailwind CSS, and implemented multi-file batching with custom queuing logic to ensure speed, reliability, and seamless UX at scale.

SOS | Personal Safety Application (Harvard University Hackathon)   *Oct 2024*
- Developed a personal safety app with one-tap emergency activation, real-time Geolocation tracking, and automated Twilio SMS alerts for instant contact with emergency services.
- Integrated heart-rate monitoring and "Drunk Mode" using React Native, Firebase, and Express.js, ensuring seamless communication and real-time response capabilities.

LEADERSHIP & PROFESSIONAL DEVELOPMENT

Management Leadership for Tomorrow (*Career Prep Fellow***)**   *Jan 2024 – Present*
- Accepted into a selective 18-month professional development where I've received coaching and attended networking events, connecting with 50+ industry professionals to deepen my understanding of career pathways and leadership.

App Innovators and Developers Club (*Technical Interview Prep Director***)**   *July 2024- Present*
- Conducted weekly technical interview prep sessions, improving member success rates by 40% in mock interviews and has already led to 5 of our members securing interviews for different companies.

Extreme Kids and Crew *(Programs Chair)*   *May 2023 – Oct 2023*
- Helped raise over $5,000 through fundraising campaigns, enabling 20+ kids get access to educational opportunities.