Chigozie F. Nnani (he/him/his)

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EDUCATION

University *of* North Carolina *at* Chapel Hill   Aug. 2023 – May 2027
Major: Information Science, B.S. — Minor: Data Science   *Chapel Hill, NC*
- **Relevant Coursework**: Introduction to Programming & Data Science, Programming for Information Science, Introduction to Data Analysis, Calculus of Functions of One Variable I, Foundations of Information Science, Tools for Information Literacy
- **Clubs & Affiliations**: Black in Technology, Black Ink Magazine, Carolina Association of Black Journalists, ColorStack, National Society of Black Engineers, Computer Science + Social Good, One Africa

PROFESSIONAL & LEADERSHIP EXPERIENCE

Incoming Data Engineering Intern   May 2025 – Aug. 2025
NVIDIA Corporation   *Santa Clara, CA*
- Selected to participate in NVIDIA's competitive Ignite internship program, emphasizing technical innovation & excellence
- Anticipated focus on building scalable data pipelines to efficiently handle data, managing ETL workflows to ensure seamless data transformation & integration, & employing Snowflake/PostgreSQL for data storage, analysis, & optimization
- Collaborating cross-functionally with data scientists, engineers, & product teams to design & implement solutions that enhance data processing efficiency & optimize infrastructure for scalable analysis

Full-Stack Web Development Project Member   Sept. 2024 – Dec. 2024
Computer Science + Social Good   *Chapel Hill, NC*
- Spearheaded the development of a full-stack web application using JavaScript, HTML/CSS, Node.js, React, & relational databases, incorporating cutting-edge server-side rendering techniques to enhance application responsiveness
- Integrated Firebase for seamless serverless architecture, providing real-time database management, user authentication, & cloud storage, ensuring secure & efficient back-end operations
- Implemented server-side rendering & API integrations, optimizing front-end & back-end interactions for improved efficiency & user experience

Founder & Managing Director   Sept. 2020 – Present
InOptive Clothing LLC   *Raleigh, NC*
- Increased social media presence by 400% (over 1,000 followers) through Instagram campaigns by leveraging data analytics
- Automated inventory management & sales tracking with custom Python scripts, reducing manual workload by 40% & improving operational efficiency
- Integrated Shopify APIs & implemented SEO strategies, improving online visibility & ensuring seamless product management & user interaction

PROJECTS

Artificial Intelligence Resume Screener | *Personal Project*   Feb. 2025
- Developing an open-source AI resume screener automating resume evaluation based on keywords & semantic analysis
- Building a full-stack web application with Flask, React, & PostgreSQL, providing a user-friendly interface for recruiters to rank & filter candidates
- Integrating machine learning models & natural language processing techniques to enhance resume-job description matching, improving screening efficiency by 60%

Stock Market Analysis Tool | *Personal Project*   Sept. 2024
- Built a full-stack web application using Flask, Plotly.js, & the Yahoo Finance API to dynamically fetch & visualize real-time stock data, with asynchronous updates through the Fetch API for seamless user interaction
- Developed a responsive front-end that displays interactive stock charts & financial metrics (market cap, P/E ratio) while implementing a RESTful API with JSON data serialization & error handling for reliable stock data retrieval

Miscellaneous Python Programming Projects | *Course Project(s)*   Jan. 2024 – May 2024
- Achieved grades of 100% or higher (excluding extra credit) on the implementation of a Battleship game, dictionary utility functions, river ecosystem simulation, reverse-engineering list functions with unit tests, & algorithm complexity analysis
- Employed NumPy & Matplotlib to visualize algorithmic runtime complexities, demonstrating proficiency in algorithm analysis & optimization
- Implemented machine learning models using pandas, PyTorch, & scikit-learn for data-driven tasks, including regression analysis, classification, clustering, & dimensionality reduction

TECHNICAL SKILLS

Languages & Frameworks: Python (Flask, NumPy, Matplotlib, pandas, scikit-learn, PyTorch, Jupyter Notebook), JavaScript (React, Plotly.js, Next.js, D3.js), HTML/CSS, R, SQL (MySQL, NoSQL, PostgreSQL)
Databases & Cloud Platforms: AWS, Google Cloud, Google BigQuery, Apache Spark, Apache Kafka, PostgreSQL, SQLAlchemy, Snowflake, MongoDB
Developer Tools: Git, GitHub, Pytest, Visual Studio Code, Firebase, Node.js, Tableau