

Majoie Ngandi

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SUMMARY OF QUALIFICATIONS

- Qualified Software Engineer and Senior Data Scientist
- Author of research on the *Impact of Generative AI on SMEs*, presented at the ICT4A 2024 conference, where I received the Best Undergraduate Conference Paper award
- Experienced in cloud platforms such as AWS, Azure, and DevOps practices for streamlined development and operations
- Certified expert in Web Design, MS Excel, Python
- Efficiently manage projects and collaborate with teams to accelerate the overarching goals of the company

LANGUAGES: English, French, Latin, Ewondo, Bamileke, Pidgin.

EDUCATION

East Carolina University (Graduating May 2026) – Greenville, NC

Bachelor of Science in Software Engineering

Concentration: Data Science

Cumulative GPA: 4.00/4.00

Relevant Coursework: Software Construction, Advanced Data structures, Object-oriented programming, Statistics, Leadership, Calculus, Big Data Analytics, Natural Language Processing, Software Project Management,

RESEARCH

Analyzing Pathology Images for Cancer Recurrence Predictions

East Carolina University – Greenville, NC (2024 – Ongoing)

Focus: Developing machine learning models to analyze pathology images for predicting cancer recurrence, aiming to improve the accuracy and reliability of diagnostic tools in healthcare.

Impact of Generative AI on SMEs in Greenville, NC –

Published in: 15th ICT4A Conference 2024

East Carolina University – Greenville, NC (January 2024 – July 2024)

Focus: Investigating how SMEs in Greenville, NC use Generative AI to enhance operations, improve decision-making, and streamline workflows.

TECHNICAL PROFICIENCIES

Programming

- Python (5 years): High experience with NumPy, TensorFlow, Pytorch, matplotlib, scikit-learn, OpenCV, Plotly.
- 1 year experience in Java and C#

Database: SQL, PostgreSQL, NoSQL, Neo4j

Operating Systems: Windows Suite (10+ years), Linux (4+ years)

Cloud Platforms: Amazon Web Services (AWS), Microsoft Azure

DevOps: Docker, Kubernetes

Design and Analysis: Adobe Suite (2+ years)

Business Intelligence and Data Visualization: Tableau, Power BI

Content Management Systems (CMS): WordPress (10 years), Joomla (10 years), Wix (10 years)

Version Control: Git, GitHub

Scripting: Bash

Machine Learning and Big Data: Generative AI models, Machine Learning models, Hadoop, Spark

RELEVANT EXPERIENCE

NGANDIWEB

June 2017 – Present

CEO & Head Website Designer

- Lead a team of 15 to help brands elevate their strategy and affirm their online presence through approved digital strategies, increasing their ROI by over 50%

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- Designed 50+ websites ensuring compliance, Search Engine Optimization, and responsiveness

Fidelity Investments

May 2025 – August 2025

Data Engineering Intern – Durham, NC

- **Technical Troubleshooting and Repair:** Expertly troubleshoot and repair AV equipment to ensure minimal downtime and optimal functionality, prioritizing customer service to maintain high satisfaction levels

East Carolina University - ITCS

January 2023 – Present

Audiovisual Services & Support Intern – Greenville, NC

- **Technical Troubleshooting and Repair:** Expertly troubleshoot and repair AV equipment to ensure minimal downtime and optimal functionality, prioritizing customer service to maintain high satisfaction levels
- **Classroom Support and Collaboration:** Swiftly address and resolve classroom technology issues, working closely with cross-functional teams to ensure the smooth operation of the school's Information and Computing services.
- **Leadership and Customer relationships:** Demonstrate strong leadership and communication skills by guiding team efforts, maintaining clear communication with staff, faculty, and students, and ensuring adherence to best practices.

East Carolina University - Water Resource Center

January 2023 – Present

Lead Data Scientist – Greenville, NC

- **Data Science and Collaboration:** Critically analyze data in collaboration with universities and authorities in North Carolina, designing and implementing data science concepts, and creating impactful dashboards and tools for community use.
- **Community Projects:** Lead extensive data science projects for community initiatives, serving as the main Data Scientist to ensure data-driven insights and solutions address local needs.
- **Agile Project Management:** Utilize agile project management techniques to oversee data projects, ensuring timely delivery, adaptability, and effective collaboration.

Cameroon Postal Services

May 2022 – August 2022

Technology Support Intern– Yaounde, Cameroon

- Assisted in technology support for the building, ensuring all systems functioned smoothly.

CERTIFICATIONS AND AWARDS

- East Carolina University Overall Best and Outstanding Undergraduate Student
- East Carolina University Honors College Chancellors Fellow
- East Carolina University Arts Makers
- LinkedIn Top 15% Web designers
- LinkedIn Top 5% Microsoft Excel Experts
- LinkedIn Top 30% Python Experts
- Videography and Video Production, Advanced Search Engine Optimization, Agile Expert, Robotics and Process automation

RELEVANT PROJECT EXPERIENCE

North Carolina Community Information Portal Air Quality Dashboard(<https://epa-dashboard-app.gentlemushroom-6ce5f3c7.eastus.azurecontainerapps.io/>)

June 2023 – August 2024

- Collaborated with a 10-person team tasked with developing a community dashboard where users can visualize how air quality has been affected by VOCs in their regions and possible predictions
- Researched community needs and developed a solutions-based layout to best suit functionality requirements
- Served as project leader by organizing team meetings, tracking progress, and providing a forum for discussion

MEMBERSHIPS AND ASSOCIATIONS

Association for Computing Machinery (ACM)

January 2023 – Present

Founder and President Active Youth for Christ

May 2021 – Present

Maestro musician, Shalom Gospel Band

June 2019 – December 2022