Majoie Ngandi

Hagerstown, MD • 443-264-0254 • quickngandi60@yahoo.com • https://majoiengandi.com

SUMMARY OF QUALIFICATIONS

Certified Software Engineer and Senior Data Scientist with award-winning research and expertise in cloud platforms, DevOps, and full-stack development. Skilled in Python, Excel, and web design, with a strong track record of leading projects and driving team success.

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

EDUCATION

East Carolina University – Greenville, NC

Bachelor of Science in Software Engineering, Certificate in Artificial Intelligence

Concentration : Data Science

Cumulative GPA : 3.99/4.00

Relevant Coursework: Software Construction, Advanced Data Structures, Object-Oriented Programming, Statistics, Leadership, Calculus, Big Data Analytics, Natural Language Processing, Software Project Management, Mobile Development, Computer Vision.

RESEARCH

- **Analyzing Pathology Images for Cancer Recurrence Predictions** *East Carolina University* 2024 – 2025
- **Evolution of Artificial Intelligence in Healthcare: From Historical Milestones to Current Applications and Future Prospects in Hospital and Pharmaceutical Innovations**
  Published in Research Journal of Life Sciences Bioinformatics Pharmaceutical and Chemical Sciences 2024
- **Impact of Generative AI on SMEs in Greenville,** NC – Published in *15th ICT4A Conference.* January 2024 – July 2024
  (Earned the BEST UNDERGRADUATE PAPER AWARD.)

TECHNICAL PROFICIENCIES

Programming

- Python (6 years): High experience with NumPy, TensorFlow, Pytorch, matplotlib, scikit-learn, OpenCV, Plotly.
- 2 years of experience in Java and C#. High experience with .NET core, Spring, Spring Boot, React.js, Tailwind

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

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

DevOps: Docker, Kubernetes, Jenkins

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, LLM fine-tuning

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

Fidelity Investments May 2025 – August 2025

Data Engineering Intern – Durham, NC

- **API testing automation:** Built an automated testing tool to test two API sources, reducing testing time for developers by over 97%
- **Jenkins Pipeline building:** Built CI/CD pipelines to support over 100 critical APIs, both in Non-production and Production, saving the company over $6.5 million in development and testing expenses.

Majoie Ngandi

Hagerstown, MD • 443-264-0254 • quickngandi60@yahoo.com • https://majoiengandi.com

- **API testing documentation:** Created extensive documentation highlighting the structure and use of the API pipelines, to ease understanding, alongside presentations and company-wide demonstrations.

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.

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.

Cameroon Postal Services May 2022 – August 2022

Technology Support Intern– Yaoundé, 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 Skills Top badges holder (Top 15% Web designers, Top 5% Microsoft Excel Experts, 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 (Air Quality Dashboard | North Carolina Community Information Portal developed by Majoie) June 2023 – August 2025

- I earned the **OUTSTANDING Presentation and Research award** at ECU RCAW 2025
- 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 make 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, **Data Friday Initiative** – Weekly data analysis to solve real-world problems June 2024 - Present

Founder and President, Active Youth for Christ May 2021 – Present

Maestro musician, Shalom Gospel Band June 2019 – December 2022