

Ekwe Chimaobi Adolphus

+2347046655760 | maobiekwe@gmail.com | www.linkedin.com/in/ekwe-chimaobi-327644199

Summary:

Proficient python developer, and machine learning engineer. Strong programming skills in Python , with experience in data analysis tools like pandas, deep learning framework like pytorch,tensorflow. Proven track record of delivering data-driven insights and predictive models. Excellent problem-solving and communication abilities. Committed to staying up-to-date with the latest advancements in data science.

Technical Skills:

- Deep Learning (Pytorch,Torch,TensorFlow, Keras)
- Machine Learning(Sklearn)
- Python
- SQL
- Data Visualization (Matplotlib, Seaborn)
- Data Cleaning and Preprocessing
- Automation and Web-Scraping(Bs4,Selenium,Appium)
- Predictive Modeling
- Data Analysis (Pandas)
- Natural Language Processing (NLP)

Professional Experience:

Automation Expert:

Freelancer | January 2021 - June 2022

Role Overview:

During my tenure as a freelancer in upwork, I specialized as an Automation Expert, focusing on developing robust automation solutions using Selenium and Python programming language.

Key Achievements and Responsibilities:

- **Automated Testing Frameworks:**

- Designed and implemented automated testing frameworks using Selenium, significantly reducing manual testing efforts and improving overall software quality.
- Conducted regular code reviews to ensure the reliability and maintainability of the automation codebase.

- **End-to-End Automation:**

- Spearheaded the development of end-to-end automation solutions for repetitive tasks, streamlining workflow efficiency and minimizing manual intervention.
- Collaborated with cross-functional teams to identify automation opportunities and implemented solutions to enhance operational efficiency.

- **Python Programming:**

- Leveraged Python as the primary programming language for automation script development, ensuring code quality, modularity, and ease of maintenance.
- Provided training sessions to team members on best practices in Python programming for automation purposes.

- **Collaboration and Support:**

- Collaborated with software developers and QA teams to integrate automation into the continuous integration/continuous deployment (CI/CD) pipeline.
- Offered technical support and troubleshooting for automation-related issues, ensuring the seamless functioning of automated processes.

Technologies Used:

- Automation: Selenium, Python
- Programming: Python
- Version Control: Git

Machine Learning Engineer:

Lambda Vision(Open source) | July 2022 - Present

Role Overview:

Transitioning to lambda, I assumed the role of a Computer vision Machine Learning Engineer, where I have been deeply involved in the development and implementation of computer vision models using PyTorch.

Key Achievements and Responsibilities:

- **Machine Learning Development:**

- Led the development and implementation of machine learning models using PyTorch, contributing to improved predictive analytics and data-driven decision-making.
- Collaborated with cross-functional teams to understand business requirements and translated them into scalable and efficient machine learning solutions.

- **Open Source Contributions:**

- Actively contributed to the company's open source project, providing code contributions, bug fixes, and feature implementations to enhance the framework's capabilities.
- Engaged in collaborative projects with other machine learning practitioners, fostering knowledge sharing and staying updated on industry trends.

- **Continuous Learning:**

- Kept abreast of the latest developments in machine learning, attending conferences, workshops, and online courses to stay ahead of emerging technologies.
- Mentored team members on best practices in machine learning, ensuring a high level of expertise within the team.

- **Project Management:**

- Led project teams through the entire machine learning development lifecycle, ensuring successful project delivery aligned with business objectives.
- Collaborated with stakeholders to define project goals, scope, and deliverables, contributing to the overall success of the projects.

Technologies Used:

- Machine Learning: PyTorch, scikit-learn, TensorFlow

- Programming: Python
- Version Control: Git
- Database: SQL, MongoDB

Conclusion:

My experience spans both Automation and Machine Learning roles, allowing me to contribute significantly to the advancement of technology in diverse domains. The transition from automation-focused responsibilities as a freelancer to contributing in open source as a machine learning-centric has provided me with a holistic skill set in both areas, positioning me as a versatile and knowledgeable professional. I look forward to further contributing to cutting-edge projects in the dynamic fields of automation and machine learning.

Education:

Interim Joint Matriculation Board,
Ahmadu Bello University Zaria 2018
Relevant Coursework: Advanced-level Mathematics, Physics

Certifications:

- Kaggle Machine Learning Certification

Projects:

- Text to speech App
- Role: Machine Learning Engineer
- Technologies Used: Python, Pytorch - Description: Developed a deep learning model for converting text 2 speech, achieving a high accuracy rate on a diverse texts.

NB: due to low resource issues with using a free hosting service only git link to code is provided [text2speech](#)

Portfolio:

- [Github Link](#)
- [Personal Website](#)

Languages:

- English (Fluent)
- Igbo (Fluent)

Interests:

- Open-source contributions
- Hackathons
- Reading

References:

Available upon request.