

Agbasimere Kingsley

+ Odim, Nsukka, Enugu State, Nigeria # agbasimerekingsley06@gmail.com , 09137529644

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SUMMARY

Passionate and results-driven ML and AI engineer with expertise in building machine learning models and web applications using modern frameworks and technologies. Proficient in Python, Flask, Django, PHP, MySQL, and PostgreSQL. Experienced in collaborating with cross-functional teams, writing clean code, and delivering high-quality solutions. Graduated Oct, 2024 from ALX Software Engineering Program (Backend Specialization). Seeking opportunities to apply my skills in ML or backend development and contribute to innovative projects.

WORK EXPERIENCE

Research and Data Intern

Nsukka, Enugu

Education Innovation Unit, Office of the Vice chancellor

Sept 2024 – Feb 2025

- Developing practical skills in data science and artificial intelligence through hands-on projects.
- Collaborating on research-focused initiatives aimed at improving educational outcomes using data-driven insights.
- Assisting in the preparation and analysis of large datasets using Python and statistical tools.

Data and Statistical Analyst Intern

Nsukka, Enugu

DGMC Research institute

Nov 2024 - Apr 2025

- Conducting statistical and data analyses for various research projects across multiple disciplines.
- Utilizing statistical software to create detailed reports and visualizations for academic and institutional research.
- Supporting researchers with project planning and data interpretation to enhance the quality of outputs.

Full Stack Developer

Remote

ALX Program

Oct 2023- Oct 2024

- Built Full stack projects using Flask and MYSQL
- Simplified complex concepts into relatable examples to foster understanding and improve problem-solving skills.
- Collaborated with real-time developers in solving complex problems with clean and detailed codes.

Statistical Analysis Consultant

Nsukka, Enugu

Self-Employed

Mar 2023 - Sep 2024

- Assisted final-year students with the statistical analysis component of their academic projects, including hypothesis testing, regression analysis, and data visualization.
- Ensured accuracy and clarity in project reports, leading to successful project defenses.
- Provided training on the use of statistical tools such as SPSS, Excel, and Python.

Freelance Web Developer

Remote

Self-Employed

Mar 2024 - Present

- Built responsive applications using PHP, JS, MySQL.
- Built and deployed a heart disease and an MTN customer churn prediction model using real world datasets.
- Provided online training on the use of statistical tools such as SPSS, Excel, and Python.

Education

University of Nigeria Nsukka

Jan 2022 - present

BSc in Computer Science and Statistics

- **Relevant Courses:** Software Engineering, Data Structures and Algorithms, Systems design and Architecture, Machine Learning, Statistical Modeling, Linear Algebra.

Projects

Convoz

- *Modern Stack Social media application.*
- Used MongoDB, Express, React
- *GitHub:* <https://github.com/Aqbasimere/convoz>

Realworld

- “The mother of all demo-apps”. Exemplary full-stack medium.com clone.
- Used React, Node, Typescript.
- *GitHub:* <https://github.com/Aqbasimere/realworld>

Churn Model

- Trained and built an MTN customer churn prediction model based with real life dataset.
- Used Python libraries like pandas, numpy, matplotlib, seaborn and scikit-learn. Having a model accuracy of over 93%.
- *GitHub:* <https://github.com/Aqbasimere/mtn-customer-churn-prediction>

Heart Disease Model

- Trained and built a Heart prediction model based with real life dataset that classifies whether or not a patient has heart disease.
- Used Python libraries like pandas, numpy, matplotlib, seaborn and scikit-learn. Having a model accuracy of over 95%.
- *GitHub:* <https://github.com/Aqbasimere/heart-disease-prediction-app>

Skills

Technical Skills:

- Programming: Python (NumPy, Pandas, Matplotlib, Seaborn), Django, Flask, R, PHP, MySQL, PostgreSQL, JS.
- Statistical Tools: SPSS, Excel (Advanced).
- Data Analysis: Data cleaning, visualization, exploratory analysis, statistical modeling.
- Machine Learning: Basic understanding of supervised and unsupervised learning.

Soft skills:

- Analytical Thinking: Skilled in breaking down complex problems to derive actionable insights.
- Communication: Strong ability to present findings clearly to technical and non-technical audiences.
- Leadership: Experience mentoring and tutoring students with measurable success.
- Team Collaboration: Worked effectively with diverse teams on data-driven projects.