

Suraju Ogundele

Chicago, Illinois 60004-1058 • 224-486-3251 • surajuogundele74@gmail.com
[linkedin.com/in/suraju-ogundele](https://www.linkedin.com/in/suraju-ogundele)

Data Scientist

Passionate Data Scientist with 3 years of independent contractor experience in Data Science profession developing, optimizing, and implementing highly scalable and efficient data science applications using Python, R, SQL, Pandas and NumPy, accompanied with more than 8 years of experience in academic impacting Statistics and Mathematics knowledge. Expertise in Data Analysis and Machine Learning using Python.

Data Visualization • Statistics • Machine Learning • Data Wrangling • Deep Learning
Linear Algebra • Mathematics • Data Analysis • Tutoring

Languages: Python, R

Frameworks: PyTorch, TensorFlow, Scikit-Learn

Databases: Microsoft SQL Server

Tools: VS Code, SQL, Streamlit, Amazon SageMaker Studio, Jupyter Notebook, Git and GitHub

Platforms: Windows, Linux

CAREER NOTE: Completed on-campus studies and currently taking distance education courses to complete a **Master's Degree in Computer Science** (Available for full-time, W-2 employment).

INDEPENDENT CONTRACTOR EXPERIENCE

Byte Technology Solutions Support Services, Lagos, Nigeria • 07/2020 – 03/2023

Information Technology.

Data Scientist

Data Analysis, Modeling, and Interpretation

- Cleaned and pre-processed large datasets, ensuring data quality and integrity for analysis. Achieved a 15% increase in revenue by conducting exploratory data analysis (EDA) to identify trends and insights in the data.
- Assisted in the development of custom data solutions to address specific business challenges, improving customer retention by 10% using predictive models with Python and Machine Learning algorithms.
- Implemented statistical analysis to identify key performance indicators (KPIs) and provided actionable recommendations using Python with Pandas, NumPy, and Matplotlib.
- Conducted a thorough analysis and interpretation of model outputs to drive business insights and decision-making processes.

Technologies Used: NumPy, Pandas, Scikit-Learn, TensorFlow, PyTorch, Matplotlib.

PROFESSIONAL EXPERIENCE

Federal University of Petroleum Resources Effurun, Warri, Nigeria • 02/2014 – 03/2023

Education Institution.

Lecturer I

Teaching, Data Analysis, Research and Consulting Services.

- Revamped the Statistics curriculum to enhance real-life applications in Data Science, boosting student confidence and performance by over 20% through hands-on practice in Python and R.
- Taught assigned Mathematics, Statistics, and Data Science courses, improving students' understanding and performance by over 20% through the application of statistical knowledge to real-life Data Science scenarios.

- Administered, graded, and provided timely feedback to monitor student mastery and progress through a course, increasing students' interest and understanding of statistical theories by applying a results-oriented learning approach.

Technologies Used: Python, R, MATLAB, SPSS, Microsoft Excel.

ACADEMIC PROJECTS

Maharishi International University (2023)

- **Artificial Intelligence Attendance Management Agent:** Artificial Intelligence Attendance Management Agent that uses face recognition and Convolutional Neural Network (CNN) to manage event attendance and generates reports with analytics. Designed architectural diagram, implemented Redis database design and connection, and created data analytics and report generation. Utilized Python, Scikit-Learn, OpenCV, Insightface, Neural Networks, Redis, Streamlit, Amazon SageMaker studio with Jupyter notebook as IDE.
- **Alumni Management Application:** A desktop software application to manage alumni members and activities. Designed CRUD operations for members management and implemented user login system. Utilized HTML5, CSS3, JavaScript, VS Code as IDE, and MySQL as database.
- **Library System:** A desktop software application to manage library resources such as books purchase, book borrowing, and users. Designed sequence diagram and created user login management. Utilized Java, JavaFX, MySQL, StarUML, NetBeans as IDE, Git, and GitHub as version control management.

EDUCATION

Master of Science in Computer Science

(In progress via distance education; expected completion 12/2025)

Maharishi International University, Fairfield, Iowa

Key Courses: *Fundamental Programming Practice, Modern Programming Practice, Web Application Programming, Algorithms, Database Management System, Artificial Intelligence*

Ph.D. in Statistics

University of Benin, Benin City, Edo (11/2019)

Key Courses: *Robust Semiparametric Estimation Research Studies*

Master of Science in Statistics

University of Ibadan, Ibadan, Oyo (09/2007)

Key Courses: *Advanced Statistics Inference, Advanced Distribution Theory, Time Series Analysis*

Bachelor of Science in Statistics

Federal University of Agriculture Abeokuta, Abeokuta, Ogun (04/2002)

PUBLICATION

- (i) **Ogundele, S. O.** and Mbegbu, J. I. (2022). On M-estimators of regression functions using penalized splines. Manuscript in progress.
- (ii) **Ogundele, S. O.** and Mbegbu, J. I. (2018). Double trimmed estimator with data-dependent cut-off points. *Benin Journal of Statistics*, 1: 87–100.
- (iii) **Ogundele, S. O.**, Mbegbu, J. I. and Nwosu, C. R. (2016). An Alternative Algorithm and R Programming Implementation for Least Absolute Deviation Estimator of the Linear Regression Models. *Journal of Modern Applied Statistical Methods*, 15(2): 755–767.