

BOKONO NATHAN BENNETT

Robotics & AI Engineer | Electrical & Electronics Engineer | Big Data Specialist

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PROFESSIONAL SUMMARY

Results-driven Robotics and Artificial Intelligence Engineer with a Master's degree in Mechatronics and Robotics (with distinction) from ITMO University, Russia, and a Bachelor's degree in **Electrical and Electronics Engineering** from the University of Maiduguri, Nigeria. Holds dual qualifications as a **Big Data Specialist** with professional retraining in Data Analysis Technologies. Combines a strong foundation in electrical engineering, embedded systems, and power systems with advanced expertise in robot motion planning, computer vision, machine learning, autonomous systems, and big data analytics. Bilingual professional with excellent cross-cultural communication skills and a track record of leadership in community service initiatives.

EDUCATION

Master of Science in Mechatronics and Robotics

ITMO University, Saint Petersburg, Russia

Sep 2024 – Jun 2026

- *Qualification:* Master 15.04.06 Robotics and Artificial Intelligence(with Distinction)
- *Link to Digital Diploma:* [https://diploma.itmo.ru/docs/191A01751989CB311588D37486201418] |

Bachelor of Engineering in Electrical and Electronics Engineering

University of Maiduguri, Nigeria

2015 – 2023

- *Qualification:* Bachelor Electrical and Electronics Engineering (Second class upper Division)

Professional Retraining – Data Analysis Technologies

ITMO University, Saint Petersburg, Russia

Oct 2024 – Jul 2025

- *Qualification:* Big Data Specialist (Professional Standard with Distinction)

Vocational Technical Training – Electrical Engineering

Numan, Nigeria

Jan 2013 - Dec 2013

- Certificate in Technology Training – Electrical Engineering

Secondary Education

Government Day Secondary School, Imburu

2008 – 2014

- Senior Secondary School Certificate Examination (SSCE/NECO)

Primary Education

Gojefan Primary School

2001 – 2006

- First School Leaving Certificate

KEY COMPETENCIES

Technical Skills

Programming	Python, C++, R, MATLAB, SQL
Robotics	ROS, Robot Motion Planning, Manipulator Control, Robot Modeling & Identification
AI & Machine Learning	Deep Learning, Computer Vision, Machine Learning Algorithms, Data Preprocessing
Data Analysis	Big Data Technologies, NoSQL Databases, Relational Databases, Data Analytics, Statistical Analysis
Electrical Engineering	Circuit Design, Power Systems, Embedded Systems, Microcontrollers, Control Systems, Electronics, Signal Processing
Simulation	Robotic Systems Simulation, Electrical System Simulation
CAD & Design	AutoCAD (Proficiency Certificate), Electrical Schematic Design
Digital Tools	Windows, Mac OS, Microsoft Office Suite (Word, Excel, PowerPoint, Outlook)

Languages

English	Fluent
Bwatiye	Native
Hausa	Native
Russian	Intermediate

PROFESSIONAL EXPERIENCE & INTERNSHIPS

Research Intern

ITMO University, Faculty of Control Systems and Robotics	Sep 15, 2024 – Jan 28, 2026
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Senior Research Intern

ITMO University	Feb 5, 2025 – Jun 30, 2025
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Tech Project Intern

ITMO University	Feb 4, 2026 – Apr 29, 2026
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Electrical Engineer intern

Dangote Sugar Refinery	june, 2022 – July, 2023
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Industrial Training (SIWES)

Savannah Sugar Refinery

SKILLS & CERTIFICATIONS

Professional Certifications

1. Master's Diploma in Mechatronics and Robotics – ITMO University (2026)
2. Big Data Specialist – ITMO University (2025) –ITMO University
3. B.Eng. Electrical and Electronics Engineering – University of Maiduguri(2023)

4. **Certificate in Technology Training – VTTC Numan, Adamawa state (2013)**
5. **Certificate of Proficiency in Web Design – Wootlab Academy (2023)**
6. **Certificate of Participation in ICT and business skill Trainig – MTN Foundation (2022)**
7. **Certificate of Proficiency in AutoCAD – University of Maiduguri(2019)**

ADDITIONAL INFORMATION

Interests

Reading (Technical Literature, AI Research, Data Science, Electrical Engineering), Sports, Volunteer Work, Community Development

REFERENCES

Available upon request.

Last Updated: July 2026