

Bolutife Atoki

Mechatronics Engineer

Engineering graduate versed in the day-to-day operations in the manufacturing industry, ensuring results are delivered on time and efficiently, technical competence, everyday problem solving, researching solutions and implementing company procedures. Willingness to learn, follow instructions, work hard and cooperatively within team environments. Computer competencies include various CAD programs, Coding, MATLAB, LABVIEW, Machine Learning, MS Office applications, and Data Science.



Contact

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<https://www.atokibunmi.gitlab.io>



Skills

Administrative support

Operations support

Web Development (HTML, CSS, Javascript)

Excellent problem-solving skills

Sketches, specifications and drawings

2D and 3D modelling



Work History

2022-01 -
2022-05

Data Science Intern

Hamoye AI Labs

- *Data Scoping, Data Review, Feature Engineering, Feature Review to ensure most suitable data is obtained*
- *Model Development using Machine learning techniques (Linear and Multiple Linear Regression, Logistic Regression, Classification).*
- *Model Evaluation and Optimization using (Bagging, Gradient Descent, Boosting, Cross Validation, Regularization, MAE, RSS).*
- *Collaborating with Senior Developers on real world projects.*

2021-05 -
2022-03

Industrial Services Engineering Intern

Nestle Nigeria PLC, Sagamu, Ogun State

- *Ensuring the continuous and uninterrupted generation and distribution of power supply to the Factory.*
- *Generation, treatment, and supply of portable drinking water across various departments and to the production floor, factory-wide.*
- *Provision, monitoring and maintenance of Factory HVAC system via ammonia chillers, chilled water pipes, and AHU*
- *Running the Factory Waste Water Treatment Plant to ensure that all Waste Generated Factory-wide is treated, monitored, and ensured to surpass all standards before being discharged.*

2019-03 -
2019-09

Engineering Intern

Naval Dockyard Limited, Victoria Island, Lagos State

Equipment troubleshooting
and repair

- Assisted with engineering calculations, design drawings, preliminary cost estimates and field visits to partake in fabrication and installation of parts for the Nigerian Navy 25-man house boat.
- Analysed and verified all energy savings calculations to promote environmental sustainability and energy conservation in order to meet aggressive project LEED requirements.
- Collaborated with senior engineers on projects and offered insight.
- Interfaced with project management team to prepare engineering submittals and work plans.

**2018-07 -
2018-09**

Intern

The Nigerian Maritime Administration and Safety Agency, Apapa, Lagos State

- Stamped, coded and entered invoices for business operations
- Boarded vessels berthed at various ports with senior officers to carry out port state control activities.
- Tracked and recorded expenses and reconciled accounts to maintain accurate, current and compliant financial records.
- Produced high-quality documents, spreadsheets and presentations for internal and customer-facing needs



Education

**2015-09 -
2020-10**

Bachelor of Engineering (B.Eng): Mechatronics Engineering

Bells University Of Technology - Ota, Ogun, Nigeria.

- First class degree – **CGPA 4.82/5.00**
- Specialization in Control systems, Robotics, Industrial engineering, Advanced mechanical design, and Mechatronics System design
- Artificial Intelligence, Machine Learning and Data Science Applications.
- Took courses in engineering management, engineering economics, and operations research
- Acquired critical writing, reading, and thinking skills



Additional Information

Problem solving was implemented using Root Cause Analysis achieving annual cost savings of **₹5million** through the reduction of Trayboard waste generation on the Boxformer on the production line of Nestle Flowergate Factory.

Process Improvement was demonstrated with the departmental documentation process, using python and Excel VBA's to create an automated database where a Workbook was made to continuously fetch document control number, last and next review dates alongside macros to open documents, for all existing and newly created documents.