# OTI, CHUKWUEMEKA NNANNA

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Nationality: Nigerian | Gender: Male | Date of Birth: 28 July 1997 | Marital Status: Single

**EDUCATION**

***University of Nigeria, Nsukka*** (2013 - 2018***): Bachelor of Engineering (Honours) in Mechanical Engineering -Second Class Upper Division***.

• Full Scholarship Awardee, NNPC/Total E&P Nigeria Limited National Merit Scholarship.

• B.Eng project published as *Empirical Modelling of a Prototype RSW Machine*, IOP Journal, 1378(1).

**AWARDS, TRAININGS AND PROFESSIONAL QUALIFICATIONS**

2020: Cisco, Introduction to Cybersecurity.

2020: Graduate member, Nigerian Society of Engineers (NSE).

2020: OpenClassroom/Developer Circles from Facebook, Front-End Development Course.

2020: National Youth Service Corps (NYSC), Discharge Certificate.

2019: IFP School Paris, 2019 Energy Transition MOOC Certificate.

2017: Google, Google Digital Skills for Africa Marketing Course.

2017: Basic Fire Fighting Training, HR Dept. TEPNG PHC District.

**WORK EXPERIENCE**

**GRADUATE ENGINEER** (APRIL 2020 – JUNE 2020)

John Holland Group (Remote)

**Description/Responsibilities:** Assistant engineer to the design project lead of the Rail Business line. Read and interpreted isometric and projection drawings for proposed projects, and used them in completing bill of quantities document of pilecaps and abutments for bridges. Compared subcontractors’ quotes and made recommendations towards quality tenders.

**Selected Contributions and Achievements:**

• Successfully designed a CCTV surveillance scheme for maximum identification, recognition, detection and monitoring functions in a client subway station, which was applauded as very innovative.

• Prepared Site Acceptance Test (SAT) report for the implemented CCTV scheme, providing Quality Assurance and Control (QA/QC) as well as establishing factual area coverage capacity of the design.

• Selected the minimum rate per item from available tenders for a bridge, and derived a cost data set optimized for minimal budget, serving as the basis for evaluation of quotes and performance predictions.

**ENGINEERING TRAINEE** (APRIL 2019 – MARCH 2020)

Ajaokuta Steel Company Limited (ASCL Complex, Ajaokuta, Kogi State)

**Description/Responsibilities**: Maintenance operator and engineer at the Mechanical Maintenance and Thermo Mechanical Operations unit, Thermal Power Plant/Turbine Blower Station (TPP/TBS). Supported the unit’s welding, metal cutting and grinding processes in a trainee capacity. Carried out facilities, equipment and logistics setup for industrial visits and inspections at Geregu Power Plant and West African Ceramics. Also liaised with site contractors in preparing measures to ensure safety of their operations during facilities or equipment overhaul.

**Selected Contributions and Achievements:**

• Team member in editing the Bedrock Engineering Journal published by NSE Ajaokuta Branch, and was lauded by colleagues as multitasking and productive even in the face of new challenges.

• Fitness coach for the NSE Ajaokuta Branch’s monthly 7km marathon walk and aerobics session.

• Performed supervision during crane hoisting of heavy-duty motors, and fans for six cooling tower units.

**INDUSTRIAL TRAINEE** (MARCH 2017 – DECEMBER 2017)

Total E&P Nigeria Limited (Plot 25 Trans-Amadi Industrial Layout, PH City, Rivers State).

**Description/Responsibilities:** Team member in the operation and maintenance of 3 dual fueled (natural gas or diesel) Gas Turbine units for uninterrupted supply of power to the substations. Wrote and submitted anomalies to the HSE department to ensure maximum safety of both people and equipment. Examined items for wear/defects or performance requirements, placed identification tags/stamps, compared physical counts to records, and performed other inventory tasks during Onne Base (warehouse) shifts. Also carried out maintenance on the technical building’s HVAC and the plant’s Fire Water Pumps.

**Selected Contributions and Achievements:**

• Monitored the Distributed Control System (DCS) and Human Machine Interface (HMI) to ensure sound status of running turbines and plant equipment with no incidence of shutdown, pointing to effectiveness.

• Responsible for part-preparation and processing of Permits to Work (PTW) documents for the HSE department clearance to maintenance operations, with a track record of consistent speedy PTW approval.

• Logged 2-hourly fuel flow at the Fuel Gas Station during natural gas fuel usage.

• Displayed proactive and self-starting ability by reporting expired fire extinguishers unnoticed prior to deployment to the plant. Also reminded relevant authorities for routine integrity checks of FM-200.

• Recorded inventory checks at the Onne Base on the company’s Computerized Management System (CMS) always within target time, attesting to focus, productivity, efficiency and excellence in delivery.

• Paid attention to details at Main Base or Onne Base, and red-flagged abnormalities to those responsible.

**REPAIR APPRENTICE | FRONT DESK OFFICER** (AUGUST 2013 – SEPTEMBER 2013)

Datate Computer Services (Ogunabali, Port Harcourt, Rivers State)

**Description/Responsibilities:** Attended to customers’ calls, registered their devices and assisted in troubleshoot of their computers.Also assisted the technicians in hardware repair, backup and software installation or software revamp for clients.

**Selected Contributions and Achievements:**

• Independently installed software and advised customers on professional applications to ease their task.

**KEY STRENGTHS AND SKILLS**

• Programming: C++, and mathematical/engineering computations with MATLAB.

• Web development: HTML, CSS and JavaScript.

• Software proficiency: Microsoft Office Suite, Design Expert, Scilab, AutoCAD and Inventor.

• Very disciplined, creative, proactive, adapts readily to change and a problem solver.

• Focused, good team spirit and communication skills, and always willing to accept new challenges.

• Excellent leadership and organizational skills, very innovative, a self-starter and can multitask.

• Passion for excellence, very productive and efficient, good at research, math and statistical analysis.

**Hobbies**: Working out, drawing, playing chess and building solutions.

**Languages**: English, fluent | French, good understanding.



**QR Code to LinkedIn Profile**