



JACOBS IFEANYI OKORO

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PERSONAL PROFILE

A practical mechanical engineer with a comprehensive knowledge of researching, designing, developing and fabricating of mechanical systems to required specifications. Specialized in energy and power technology.

PERSONAL DATA

DATE OF BIRTH:	4 th July, 1986
PLACE OF BIRTH:	Agege, Lagos State
SEX:	Male
MARITAL STATUS:	Single
STATE OF ORIGIN:	Imo State
RELIGION:	Christianity

EXTRA-CURRICULAR ACTIVITIES

Football, playing music

KEY SKILLS AND KNOWLEDGE

- Solid command of technologies, tools and best practice in designing mechanical equipment using Autodesk Inventor professional and engineering drawings.
- Excellent simulation CFD skills. Able to simulate CAD models using Autodesk Simulation CFD to solve problems.
- Excellent mechanical and maintenance skills honed from automobile workshop center as a mechanic. Able to service and repair internal combustion (IC) engines professionally.
- Excellent skills in communication.
- Excellent skills in Microsoft Office.

EDUCATION QUALIFICATION

- National Youths Service Corps (NYSC) Certificate (2015)
- University of Nigeria, Nsukka
B.Eng. (Hons) Mechanical Engineering (2:1) (2013)
- Autodesk Certification
Autodesk inventor professional (2011)
- GCE O' level (2004)
- Standard Nursery and primary school, Ichi
FSLC (1998)

RESEARCH INTEREST

I am interested in Direct Energy Conversion and Power technology. Conversion of solar energy into useful energy (heat and electrical energy) using recycled soda cans and thermoelectric modules. I'm also interested in energy principle and analysis of turbines, compressors both axial and centrifugal, pumps, combustion chamber, boilers etc.

I am currently working on active solar air heater and also researching on power plant.

WORK EXPERIENCE

- Faculty of engineering automobile service center UNN. (2010-2012)
Dept.: Maintenance and Servicing
Position: Trainee
- Splash auto services Ltd- kia motors. (2012)
Dept.: Maintenance and Servicing
Position: Industrial Trainee
- Callison motors Ltd, Portharcourt. (2013-2014)
Dept.: Maintenance and Servicing
Position: Mechanic
- Institute of Continuing Education, Ughelli, Delta State. (2014-2015)
Dept.: Senior Class
Position: Teacher
- University of Nigeria, Nsukka (2016- Date)
Dept.: Mechanical Engineering
Position: Graduate Assistant

MEMBERSHIPS

- Nigeria society of engineers
- Society of petroleum engineers