



ODOEZE JIDEOFOR AMBROSE HENRY

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Contact details

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AREAS OF INTEREST:

- Silicon Photonics
- Renewable Energy Systems,
- Intelligent Systems and control circuits

EDUCATION:

- B.Eng. (2012). Electronic Engineering, University of Nigeria Nsukka.
- M.Sc. (2015 - date). Electronics Engineering (Digital Electronics), University of Nigeria Nsukka.
- M.Sc. (2016 – date). Electronics and Communication Engineering (Silicon Photonics), Egypt-Japan University of Science and Technology.

PROFESSIONAL EXPERIENCE:

- **Teaching Assistant**, Department of Electronic Engineering, University of Nigeria Nsukka.
Responsibilities: Assists in ECE 573 (Software Engineering). C++ Programming Language instructor.
- **Basic Electronic Teacher**, Federal Science and Technical College (FSTC) Yaba, Lagos State, Nigeria.
Responsibilities: Taught some staff and student of Electronic Department, assembly Language and the use of Microcontroller.

Designed and Implemented a 4-way traffic light system with sensor.

RESEARCH EXPERIENCE:

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| 2012 | Undergraduate Research
Topic: Automated Library Management System with Security.
Traffic Light System. |
| 2015 | Masters research UNN
Topic: Optimal Planning and Design of Renewable Energy Systems in Nigeria. |
| 2016 | Masters research EJUST
Topic: Design and Implementation of SOI Photonics Device. |

PUBLICATIONS

1. **Odoeze Jideofor A.H**, Hossam M.H. Shalaby, Nawwar Omnia, *J-Rib Waveguide as a Mode-Division De-multiplexer* , accepted in Asia Communications and Photonics Conference, November 2016.
2. Nathan David, Nnamani Uchenna H, **Odoeze Jideofor A.H**, *The Design and Implementation of a Universal EPROM Programmer*, published in international Journal of Engineering Research and Technology (IJERT), Vol. 2 Issue 9, September – 2013.

HONOURS AND AWARDS

1. Recipient of the PHARCO Corporation Masters Scholarship (2016) in EJUST, Egypt.
2. Recipient of the Presidential Special Scholarship Scheme PRESSID3 (2015)
3. Recipient of NsukkaUSA Inc. Scholarship Award (2012/2013) academic session.
4. B.Eng. Electronic Engineering Department, First class Honors 2012/2013 academic session.
5. Recipient of the prestigious Petroleum Technology Development Fund (PTDF) Scholarship in recognition of Academic Excellence for consecutive (2008/2009, 2009/2010, 2010/2011, 2011/2012) academic session.
6. Recipient of MTNF Foundation Scholarship in recognition of Outstanding Academic performance for consecutive (2008/2009, 2009/2010, 2010/2011, 2011/2012) academic session.
7. Recipient of Etisalat Award in 2008/2009 academic session in recognition of outstanding academic performance.

HOBBIES: Reading, **Playing Chess**, dancing, making new friends, travelling and swimming.