

Abi Olowe, Ph.D.

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SUMMARY OF QUALIFICATION

Educator: 20+ years teaching experience in the university, technical school, and high school;

Curriculum Developer: 7+ years of curriculum development in the university

Researcher: 16+ years of research in engineering science, 12+ years of research in Church history

Mechanical Engineer: 2 years industrial experience in plumbing and AC design

Petroleum Engineer: 5 years experience in petroleum industry as engineer and programmer

Author: books and manuals in engineering science; author of 13 inspired theological books

Articles: Published 47 peer reviewed articles on corrosion science

Manager: 2+ years of Technical Project Management at NCCI, Boca Raton and 1 year Lead Developer and Manager at AT&T, NJ

Programmer: Computer programmer since 1978; 12+ years experience in advanced Internet Applications Development, Web Design, Computer Graphics, and Software Development. Programming in several languages, including, Visual Basic, Fortran, C#, and C; Application Development using Oracle, .NET, SQL Server, MS Word, MS Access, and MS Excel

Certification: Microsoft Certified Professional

EDUCATION

Kalamazoo Community College, Kalamazoo, Michigan, 1999 (Computer Info Science) GPA 4.0

Ph.D. (with distinction) Materials Science & Engineering, University of Nancy, France, 1988

Dissertation: Aqueous Corrosion of Iron in Sulfated Media: Mechanism, Kinetics and Structures

(President of Jury and Advisor: Professor Marcel Pourbaix – icon in Corrosion Science)

M.Phil Materials Science, University of Nancy, France, 1985

Thesis: Kinetics of Oxidation of Iron in Chlorinated Aqueous Media

Diploma in French Language, University of Clermont Ferrand, France, 1983

B.Sc Mechanical Engineering, University of Ibadan, Nigeria, 1981

EXPERIENCE

Houston Community College 9/2013 - Present

Professor of Petroleum Engineering Technology

Responsibilities include:

- Interim Program coordinator in 2020
- Preparing program for ABET accreditation.
- Teaching all Petroleum Engineering Technology courses including 2 process courses
 - wrote lecture guides for all the classes
 - wrote lab guides for petroleum data management and process technology courses
 - used MS Excel for petroleum data management laboratory classes
 - In charge of Geology laboratory

Omega Publishers, Houston (2005 – Present)

CEO, Consultant and Author

- Consultant on Educational program (2011 – 2013)
- Developed Quality Management software for a petrochemical company (2012)
- Developed 20+ businesses websites
- Authored and published 13 books

NCCI, Boca Raton, FL (2000 – 2004)

Technical Project Manager, Senior Applications Developer

Insurance Statistical Related Internet Applications

Research and statistical analysis of various models

Internet Applications Developed:

- Lead Developer: RMAPS, Pricing Analysis, CompCompare, Expiration Lists
- TPM: CompCompare (\$1.98million)

Head and Custodian of Enterprise Solutions

- Research and recommend third party development software
- Wrote Enterprise Solutions Charter

Dynergy, Houston (9/1999 – 4/2000)

Internet Application Developer

Integrated ESRI GIS software components to Internet Application

Western Michigan University, Kalamazoo (1993 - 1999)

Assistant/Associate Professor of Materials Science and Engineering

Chair, Dept. Curriculum Committee

Chair, Association of Metallurgical Engineers

Member, National Association of Corrosion Engineers

Other responsibilities:

- Teaching 7 undergraduate and 3 graduate courses including Properties of Materials, Corrosion Science, Mechanical Properties of Materials, Thermodynamics, Fluid Mechanics, Surface Engineering, and Strength of Materials.
- Developing curricula for Materials Engineering Program (Graduate and Undergraduate)
- Director of the Materials Science Laboratory
- Director of Mossbauer Spectroscopy Laboratory
- Research on several projects
- Research Fellow with Oak Ridge National Laboratory, TN

AT&T, NJ (1991 - 1993)

Manager and Lead Programmer

Desktop software and remote Applications for generating sales and market report

Tools: MS Excel and MS Access.

French National Scientific Research Council (CNRS) (1987 – 1991)

Research Fellow with Maurice Letort Laboratory, Nancy, France

Negotiation and Accomplishment of various research contracts on corrosion including:

Corrosion of steel sheet piles at Boulogne harbor (UNIMETAL), Rusting of steels in concrete and bridges (PONTS ET CHAUSEES), Microbially Influenced Corrosion of steels in marine sediments (ELF oil company)

Supervision of 3 MS research works

VAX/Fortran and DOS/Fortran programming:

Other Teaching Experience

University of Nancy (1989): Chemistry for Engineering students (6 mths PT)

Ogun State Polytechnic (1981/82): Calculus, Strength of Materials, Mechanics (1 yr FT)

University of Ibadan Summer School (1978-80): Physics and Mathematics (6 mths PT)

Hope High School (1975/76): Fine Arts, Physics and Mathematics (1 yr FT)

Other Industrial Experience

Shell Petroleum Development Company of Nigeria (1981): Facilities maintenance

Molecular Consultants Nigeria (1979): Plumbing and AC design (3 mths PT)