

ARTHUR C. OSUORAH

RESUME

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OR 07069200837

CURRICULUM VITAE
ENGR. ARTHUR C. OSUORAH

PERSONAL BIODATA:

SEX: MALE
DATE OF BIRTH: 24TH JULY, 1963
MARITAL STATUS: MARRIED
NATIONALITY: NIGERIAN
STATE OF ORIGIN: ANAMBRA STATE

CONTACT ADDRESS: 30 IGBARIAM STREET.
PRESENTLY ACHARA LAYOUT ENUGU, NIGERIA.

FOREIGN ADDRESS: 2705 YANCEY LANE
GLENARDEN, MD, 20706, US

EDUCATION

SCHOOL ATTENDED WITH DATES:

POST SECONDARY EDUCATIONS/ UNIVERSITY

1991 – 1994: STATE UNIVERSITY OF NEW YORK. (DEG. CONFERRED) (ME)
1987 – 1991: STATE UNIVERSITY OF NEW YORK. (DEG. CONFERRED) (BS).
1984: ATTAINED I.M.T ENUGU (BUILDING TECHNOLOGY PROGRAM).
1982 - 1983; MATH AND PHYSICS TEACHER. (C.I.C. ENUGU)
1980 – 1982 WORKED AT AJAOKUTA IRON AND STEEL INDUSTRY
1980 ADVANCE LEVEL G.C.E IN MATH, PHYSICS & CHEMISTRY

HIGH SCHOOL:

1974- 1979; ST. PETERS SECONDARY SCHOOL ACHINA (SCHOOL CERT.)
COMPLETED WITH HIGH GRADES IN ALL SUBJECTS.

PRIMARY SCHOOL:

1971 - 1974; ST. MARYS PRIMARY SCHOOL, UWANI ENUGU. NIGERIA.

ACADEMIC & PROFESSIONAL QUALIFICATION ACADEMICS QUALIFICATIONS.

December, 1994: M.E. (Construction Engineering).

September, 1991: B.Sc. (Civil Engineering) Second Class Upper.

PROFESSIONAL MEMBERSHIP QUALIFICATIONS

1992: Member National Society of Professional Engineer (US)

1994: Member American Society of Civil Engineer

2004: Council for the Regulation of Engineering in Nigeria (COREN)

AREA OF SPECIALIZATION

Civil Structural Analysis, Highway Infrastructural Design,
Construction Project Management.

PROFESSIONAL PUBLICATION:

2010 – PRESENT: *AUTHOR OF A BOOK IN HIGHWAY DESIGN/
CONSTRUCTION ADMINISTRATION.

*AUTHOR OF HANDBOOK ON GEOTECHNICAL
LABORATORY MATERIAL TESTING FOR STUDENTS
AND PROFESSIONALS.

*AUTHOR OF HIGHWAY ENGINEERING MANAGEMENT,
DESIGN/MAINTENANCE.

JOURNALS: AUTHOR ON INTERNATIONAL JOURNAL ON LANDFILL AND
LEACHATE COLLECTION PROJECT. 2009.

HOBBIES

Reading /Preparing Technical Journals and Travelling.

OTHER ACTIVITIES OUTSIDE CURRENT EMPLOYMENT;

- SOIL MATERIAL AND MECHANICS OF MATERIALS.
FOUNDATION COMPACTION RESEARCH WORK
- COMMUNITY ACTIVITIES AND COORDINATION ON POLITICAL
MATTERS.
- CONDUCTING A RESEARCH ON ASPHALT PAVEMENT SURFACES AND
DESIGN ATTRIBUTES.

PROFESSIONAL WORKING EXPERIENCE.

Resume.

OBJECTIVE

An engineering position in Highway/Project Management programs where I can use my leadership, communication, analytical and organizational skills to further the success of a progressive Institution and transformation of communities.

PROFESSIONAL EXPERIENCE

Mr. Osuorah has more than 20 years of experience in the construction and structural engineering industry. He has been involved in wide range of projects including the construction of roads, highways and bridges as well as public schools, high rise structures and public housing. A highly motivated individual, Mr. Osuorah has served as a consulting engineer; participated in grant processing, reconstruction, field inspections, project control costs, and project scheduling. Other responsibilities include project management; designing of public works projects and preparation of construction related documents; client coordination; preparation of grant application and bid documents; attending public meetings; review of subdivision and land development plans; feasibility reports and planning; and also academic course lecturing and supervisory roles.

He has been involved in project coordination and manage construction related activities between owners, Architects, Engineers, general contractors and Vendors. He also has manage TI projects and building infrastructure projects from initial inception of project to implementation through completion of construction in major multi-tenant and high rise banking buildings.

His responsibilities for the construction management includes, program development, planning and design, implementation and managing project budgets, managing and maintaining project schedule and successfully attaining the milestones. These were with the aid of software programming of PS4, Microsoft Excel, Word and Project Schedulers. In addition, Mr. Osuorah conducts project meetings, provide accurate and timely reports.

He was also responsible for setting up initiation guidelines and the scope of the project, as well as initiating and interacting with the Architect/Engineers designers. He reviewed all the design drawings with the aid of Auto-Cad 2004, and Micro-Station programs, and apply project management software program for the preparation of project schedules and projected item breakdowns.

Selected Work Experience:

**Lecturer in Civil Engineering Department
Federal Polytechnic Oko.
Anambra State, Nigeria.
2011 – Present.**

I am currently teaching Hydraulic Structures, Soil Mechanics, Geotechnical Engineering, Transportation Engineering/Planning as a senior lecturer and consulting with Unizik Physical Planning Department.

**President/CEO.
Arthur Design Engineers & Associates, Ltd.
30 Igbariam St.,
Achara Layout, Enugu
2010 - 2011**

Arthur Design Engineers & Associates is an Engineering Consulting Firm, with specialization in Structural Design and Analysis, Construction Management and Inspection, Building Design and Analysis, and Highways/Bridge designs and Inspections. This outfit has an employees of 9 staff here in Nigeria.

My office as a President/CEO, was to Solicit and negotiate for projects from and with my clients; Prepares project presentations for meetings and community leaders, supervises and prepared working drawings and designs. Prepares and make project presentation reports to the clients at the end of every project activities.

my responsibility also include staff management along with official protocols which include managing and directing the office personnel responsibilities on daily basis when necessary.. Directing and redirecting responsibilities.

**Office Engineer/Inspector
Shaw Environmental & Infrastructure Grp; One Pen Plaza, NY
Plant Facility Infrastructures Upgrade/Reconstruction with
Related Assignment, NYCDEP.
2008 – 2010.**

Responsibility includes monitoring/ Preparing daily and weekly reports for Resident Engineers reviews for the on- going projects in different locations of the NYCDEP site for Shaw Environmental Contract Projects. These Facilities includes the Ward Island Sludge dewatering Plant, Powell's Cove Pumping Station. Responsibilities also includes attending progress meetings and preparing change orders if necessary. Reviewing working drawings and revision of work order forms.

The Ward Island facility responsibility was to monitor/inspect the contractor's general performance for the upgrade of infrastructures in the plant facility, which includes the installations of New parking Lot by the Marine section, the installation of five structural drain pads in various location of the plant. Removal of the old underground chemical tanks that has a of capacity of 5000 gallons, and Installations of the three new chemical tanks at the old administrative building. My responsibility also goes for the Powell's Cove Water treatment Plant Project.

**Assistant Resident Engineer,
Heider Engineering P.C., Baldwin, NY
Bridge Reconstruction and Other Related Assignment, NYSDOT.
2007- 2008.**

Responsibility includes managing on going projects of bridge reconstruction; including concrete repairs for bridge Abutment and wing walls, installation of Girders, Deck Replacement, Approach Slabs, removal and reinstalling corrugated guide rails, Lighting and Maintenance and protection of Traffic. Overseeing other projects that are under construction, conduct supervision of inspectors review and daily reports. Negotiate and prepare contracts with clients and subcontractors. Managing overall projects budgets and profits. Also performing the necessary estimates needed.

**Senior Engineer/Field Project Engineer
Municipal Construction Company, Florida.
01/2002 - 6/2006.**

Controlled and managed all field construction projects including some steel structural frame buildings in Oviedo, Daytona and Winter Land in Volucia County, Florida, took part in the design of the member structures, including the shear connectors at the joints for one of the high rise building in the City of Orlando, and served as a consulting engineer for the contractor on structural frame joint connections and on the material QC inspection for this building. Mr. Osuorah performed analysis of Fix End Moment theory for the steel frame structures including seismic analysis using the necessary applied local building code.

Designed and made steel material selections for the 150 L.F of steel frame structure that carries a long 18" steel water pipe line and 24" steel gas line pipe across a creek at Holly hill in Volucia County Florida and a complete high rise structural frame that supports 8 Tons of cement silo. These design were as per AISI, ASD, LRFD, Transmission tower, ASCE 72. STD code, with the aide of AutoCad 2004 and STAAD Pro. III software.

Assisted on site layout for Highway Project by setting final grades for road pavements, curbs and sidewalks, participating in the preparation of contract documents, performing estimates for potential project, preparing bid documents and attend pre-bid/bid meetings and conduct construction progress meetings during construction of projects. I am involved in some architectural drafting/design by using the AutoCad 2004 release.

**Senior Structural Engineer/Project Manager.
City Of Buffalo, Public Works Dept.
04 /1994 – 12/2001**

Examined plans specifications for all the governmental project within the city to assure structural safety and compliance according to standard Engineering practice and conformity, which applies to the city and state building codes, and zoning laws. Worked along with the architects/engineers and contractor in respect to project control and management. Also involved in field inspections of building and road maintenances; example road repairs and rehabilitations and building restorations, prepared plans and made recommendations for replacement of none-compliance construction repairs and prepared payment invoices for completed tasks during construction projects, and the budgeted cost a project for group workers.

Other responsibilities included the following:

- Coordination of design activities with the consulting firm.
- Reviewing the design documents along with the responsible consultant personnel under the supervisions of City Engineer

- Providing all the necessary information required for the preliminary design of the roads/bridge projects.
- Conducted inter-communication review meetings between the design firm, the City and community leaders for the purpose of information and updating all responsible parties before proceeding with detail design package.
- Assisted in putting together the bid package for the selection of a contractor for construction At the completion of the complete design package.
- Participated in the steel finite element analysis using the software.
- Worked with the contractor through the consultant for the purpose of completing project, making certain the project was being performed according to the specifications, and the appropriate payment was made on time to the contractor as per task completed.
- Involved in all the necessary change orders that might be needed during the construction process.

Lecturer

Construction Management/Highway Materials Courses

Erie Community Collage

2356 Main Street

Williamsville, New York.

1/1994 – 12/2004

I was responsible in Instructing and Lecturing 300 and above level courses in Engineering Department in Construction Management and Highway courses. Preparing course syllabus, material laboratory instruction, exam materials and semester projects for the courses.

Construction Estimator/Inspector.

URS Construction Company Inc. ,

2/1991 - 2/1994

Responsible for reviewing all the record drawings and making the necessary changes for updates in the computer using micro-station and AutoCAD release 12, and used the Primavera software program for project scheduling for project. Conducted field inspections and performing In-place Density Test on Land fill projects for the protection of ground water from leachet in the area and inspected construction of irrigation for a wet land in Amherst New York.



CONTACT INFORMATION

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Nigeria.**

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234 07052182136 NIGERIA Ph#.

OR

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E-mail aosuorah@yahoo.com



UNIVERSITY AT BUFFALO
STATE UNIVERSITY OF NEW YORK

ID Number : 19254586 Person No. : 1925-4586 SSN : 093-68-2410
Name : OSOORAE, ARTHUR CHUKS

Sel	Sem	Dep	Num	Sec	Typ	Title	Src	Lv	Hrs	Grd
-	9/88	MTH	241	A	LEC	COLLEGE CALCULUS 3	MFC	UG	4.0	
-	1/88	ULC	164	A	LEC	STUDY SKILLS & TECHNIQUES	MFC	UG	4.0	C+
-		EAS	206	B	LEC	APPLIED MECHANICS 2	MFC	UG	4.0	C+
-		EAS	204	C	LEC	THERMODYNAMICS 1	MFC	UG	4.0	A-
-		EAS	150	HE	LEC	INTRO TO ENGR DRAWING	MFC	UG	2.0	C
-	9/87	MTH	242	C	LEC	SURV DIFF EQUATIONS	MFC	UG	4.0	
-		MTH	241	D	LEC	COLLEGE CALCULUS 3	MFC	UG	4.0	
-		EAS	205	B	LEC	APPLIED MECHANICS 1	MFC	UG	4.0	B
-		CIE	215	C	LEC	CIVIL ENGR PLAN & MANAGE	MFC	UG	3.0	B
-	6/83	MTH	142	MT1		COLLEGE CALCULUS 2	DUE	UG	1.0	C
-		MTH	142	MT		COLLEGE CALCULUS 2	DUE	UG	3.0	C
-		EAS	206	M		APPLIED MECHANICS 2	DUE	UG	4.0	

Sel	Sem	Dep	Num	Sec	Typ	Title	Src	Lv	Hrs	Grd
-	6/83	EAS	206	M		APPLIED MECHANICS 2	DUE	UG	4.0	R
-		EAS	205	J		APPLIED MECHANICS 1	DUE	UG	4.0	R
-	0/00	TRC	000			SUNY COLLEGE AT BUFFALO	TRC	UG	72.0	P

Level	QPA Hrs Attempt	QPA Hrs Complet	Non-QPA Hrs Att	Non-QPA Hrs Com	Points	QPA
UG	106.0	106.0	6.0	3.0	328.68	3.091
UG TR			72.0	72.0		
GR	33.0	33.0			103.29	3.129

...end

01=Help 02=Memo 03=MNTPTISIS 04=Mode 06=Select 07=Up
08=Down 10=MNTPTISIS 11=Clear 12=Exit

School Grading description;

A = Excellent	4.00	A- = V. Good	3.75
B = Good	3.00	B+ = Above Good	3.50
C = Average Score	2.00	B- = Fairly Good	2.75
D = Passing Grade	1.00	C+ = Above Average	2.50
F = Failing Grade	0.00	C- = B Average	1.75
		D+ = Poor Grade	1.50

- * Must have an average score of 2.00 at the time of graduation for Undergraduate.
- * Must maintain an average score of 3.00 and above for Post graduate completion





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ID Number : 19254586

Person No. : 1925-4586 SSN : 093-68-2410

Name : OSUORAH, ARTHUR. CHUKS

Sel	Sem	Dep	Num	Sec	Typ	Title	Src	Lv	Hrs	Grd
	1/90	CIE	435		LEC	FOUNDATION ENGINEERING	DUE	UG	3.0	A-
		CIE	429	D	LEC	REINF. CON. & MASONRY DES	MFC	UG	3.0	A-
		CIE	403		LEC	PROFESSIONAL ENGINEERING	DUE	UG	2.0	C
		CIE	354	S	LAB	FLUID DYNAMICS	MFC	UG	0.0	
		CIE	354	C	LEC	FLUID DYNAMICS	MFC	UG	4.0	A
		CIE	302		SEM	CIVIL ENGINEERING SEMINAR	DUE	UG	1.0	B
	9/89	CIE	443	K	LAB	HYDRAULIC ENGINEERING	MFC	UG	0.0	
		CIE	443	C	LEC	HYDRAULIC ENGINEERING	MFC	UG	4.0	A-
		CIE	434	A	REC	SOIL MECHANICS	DUE	UG	0.0	
		CIE	434		LEC	SOIL MECHANICS	DUE	UG	4.0	C
		CIE	428	D	LEC	STEEL & TIMBER DESIGN	MFC	UG	3.0	B

Sel	Sem	Dep	Num	Sec	Typ	Title	Src	Lv	Hrs	Grd
	9/89	BIO	119	A	LEC	BASIC BIOLOGY	MFC	UG	3.0	
	6/89	EAS	204	A	LEC	THERMODYNAMICS 1	DUE	UG	4.0	
		CIE	324	A	LEC	STRUCTURAL ENGRG 2	DUE	UG	4.0	A-
		CIE	303	J 2	LAB	SURVEYING	DUE	UG	0.0	
		CIE	303	J	LEC	SURVEYING	DUE	UG	3.0	B
	1/89	MTH	417	C	LEC	SURVEY MULTIVARIABLE CAL	MFC	UG	4.0	C
		CPM	296	H	LEC	WELFARE IMPACT CITY RESID	MFC	UG	3.0	B
		CIE	436		LEC	TRAFFIC ENGINEERING	DUE	UG	4.0	A
		CEP	207	A	LEC	BASIC STAT & COMPUTING	MFC	UG	4.0	B-
	9/88	MTH	309	D	LEC	INTRO LINEAR ALGEBRA	MFC	UG	4.0	
		MTH	242	B	LEC	SURV DIFF EQUATIONS	MFC	UG	4.0	B-
		MTH	241	A	LEC	COLLEGE CALCULUS 3	MFC	UG	4.0	A

School Grading description;

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B = Good	3.00	B+ = Above Good	3.50
C = Average Score	2.00	B- = Fairly Good	2.75
D = Passing Grade	1.00	C+ = Above Average	2.50
F = Failing Grade	0.00	C- = B Average	1.75
		D+ = Poor Grade	1.50

OFFICIAL RECORD CONFIRM
Registered
Sign: *[Signature]*
University at Buffalo

* Must have an average score of 2.00 at the time of graduation for Undergraduate.

* Must maintain an average score of 3.00 and above for Post graduate completion





UNIVERSITY AT BUFFALO
STATE UNIVERSITY OF NEW YORK

ID Number : 19254586 Person No. : 1925-4586 SSN : 093-68-2410
Name : OSUORAH, ARTHUR CHUKS

2/94 Degree: M.E. - CONFERRED
 Title: CONSTRUCTION ENGINEERING
 Major: PROJECT MANAGEMENT

1/94	CIE 505 B	SEM	CIVIL ENGINEERING SEMINAR	GRA GR	1.0
	CIE 500 F	LEC	WOOD ENGR	GRA GR	3.0 B
	CIE 500 E	LEC	PROCESS DESIGN	GRA GR	3.0
9/93	CIE 595	LEC	CONSTRUCTION TECHNOLOGY	GRA GR	3.0 B+
	CIE 592	LEC	CONSTRUCTION SCHEDULING	GRA GR	3.0 A-
	CIE 591 LEC	LEC	CONSTRUCTION ESTIMATING	GRA GR	3.0 A

Sel	Sem	Dep Num Sec	Typ	Title	Src Lv	Hrs	Grd
	9/93	CIE 591 LEC	LEC	CONSTRUCTION ESTIMATING	GRA GR	3.0	
		CIE 500 A 1	LEC	SP TOP	GRA GR	3.0	A-
	1/93	EAS 522 B	LEC	PRIN ENG MNGT 2	GRA GR	3.0	C
		CIE 593 SCH	LEC	PROJECT MANAGEMENT	GRA GR	3.0	A
		CIE 558 29	TUT	ENGINEERING PROJECT	GRA GR	6.0	B
		CIE 502 15	TUT	INDIVIDUAL PROBLEMS	GRA GR	3.0	L
		CIE 500 D	LEC	REPAIR STRUCTURES	GRA GR	3.0	A-
	9/91	Degree: B.S. - CONFERRED					
		Title: CIVIL ENGINEERING					
		Major: CIVIL ENGINEERING					

Sel	Sem	Dep Num Sec	Typ	Title	Src Lv	Hrs	Grd
	6/91	EAS 305 A	LEC	APPL PROB & STAT INFER	DUE UG	4.0	C+
	1/91 *	GLY 111 H	LEC	OUR PHYSICAL ENVIRONMENT	DUE UG	3.0	S
		* ARC 434 G	LEC	ARCH HIST 3 MOD MOVEMENT	MFC UG	3.0	
	9/90	MTH 309 C	LEC	INTRO LINEAR ALGEBRA	MFC UG	4.0	B
		MTH 121 SE	LEC	SURV CALCULUS & APPL 1	MFC UG	4.0	
		MTH 115 D	LEC	SURVEY OF ALGEBRA & TRIG	MFC UG	4.0	C
	6/90	EAS 451 A	LEC	MOD METH ENGR COMPUTATION	DUE UG	4.0	C
		CIE 323 A	LEC	STRUCTURAL ENGRG 1	DUE UG	4.0	A
		BIO 108 JB	LEC	HUMAN NUTRITION	DUE UG	3.0	C
	1/90	CIE 440 K	LAB	PRIN OF WATER QUALITY	MFC UG	0.0	
		CIE 440 C	LEC	PRIN OF WATER QUALITY	MFC UG	4.0	C

OFFICIAL RECORD CONFIDENTIAL
[Signature]





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PREPARED
ONLY FOR AUTHORIZED PERSONNEL.



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