Personal details

Personal details

First / given name	Uboho
Second given name	
Third given name	
Surname/family name	Unyah
Date of birth	06 July 1986
Preferred first/given name	Uboho
Previous surname	
Country of birth	Nigeria
Legal nationality	Nigerian
Dual nationality	
Country of residence	Nigeria
Have you previously studied with us at the University of Bristol?	No

Contact details

Home address

Please provide your permanent residential address. If you have another address and would prefer for us to contact you at that address instead you have the opportunity to add a correspondence address in the next section.

Country	Nigeria
Postcode	520102
Address Line 1	1 Osongama Road, Uyo, Akwa Ibo
Address Line 2	
City	Uyo
County	Non-Uk
Telephone	+234 8026851863

If you would like us to send any postal correspondence to an address which is not your home address please enter an alternative address here. If you want us to send correspondence to your home address then please select No.

Do you want to add a correspondence address?	No
Country	Nigeria
Postcode	520102
Address Line 1	1 Osongama Road, Uyo, Akwa Ibo
Address Line 2	
City	Uyo
County	Non-Uk
Telephone	+234 8026851863

Agent

Agent details

Agency Name	
Email address	

Other information

Additional Documents

Please upload required documents as outlined in your admissions statement

Mode of study

How would like to study this programme?	Full Time

Qualifications

Qualifications

Institution	Qualification	Type	Subject	Actual/predicted	Grade	Start date	End date
Uyo University	First degree BA/BSC etc	Academic Qualification	Mathematics	Actual	Second class up	27/Oct/2014	24/May/2023

If these qualifications have altered since your last application please note the changes in the free text box here.

English Language

Is English your first language? No
What is your first language? Ibibio (Nigerian Language)
Did you study at school/university where you were taught in English? Yes
For how many years? 10
Have you sat a relevant English language test? Yes

TOEFL (internet-based)

Registration number
Date of TOEFL test
TOEFL reading score
TOEFL listening score
TOEFL speaking score
TOEFL writing score
TOEFL total score

IELTS (International English Language Testing System)

Test report form (TRF) number
UKVI number (if applicable)
Date of IELTS test
IELTS listening score
IELTS reading score
IELTS writing score
IELTS speaking score
IELTS total score

Pearson Test of English

Score report code
Date of Pearson test
Pearson listening score
Pearson reading score
Pearson speaking score
Pearson writing score
Pearson overall score

Other English Language test

Name of course West African Senior School Certificate (WAEC)

Registration number	4040705061
Date of test	17 June 2003
Listening score	
Writing score	
Reading score	
Total score	Credit

Experience

Current Employer

Employer name and address	Cardinal Ekandem Seminary, Uyo
Job title and main duties	Mathematics Teacher
Full time/Part time	Full time
Date of Appointment	02 February 2022
End date (if applicable)	31 August 2023

Previous employment 1

Employer name and address	Bright Future Academy, Uyo
Job title and main duties	Mathematics Teacher
Full time/Part time	Full time
Date of Appointment	02 January 2021
End date (if applicable)	31 January 2022

Previous employment 2

Employer name and address	
Job title and main duties	
Full time/Part time	
Date of Appointment	
End date (if applicable)	

Previous employment 3

Employer name and address	
Job title and main duties	
Full time/Part time	
Date of Appointment	
End date (if applicable)	

Other Experience

Do you have any other relevant work experience to support your application?	Yes
Please provide details	Mathematics, Physics and Further Mathematics private tutor.

Personal statement

Personal details

Do you have a personal statement to upload?	Yes
Please type your personal statement in the box	

Research proposal

Research proposal

Proposed supervisor 1	Dr. Mishap Rudnev
Proposed supervisor 1	Prof. Trevor Wooley
Proposed project title (max 150 chars)	A PROOF OF ERDOS-TURAN CONJECTURE ON ADDITIVE BASIS OF ORDER TWO

Passport and visa

Visa required

Do you require a visa to study in the UK?	Yes

Please fill out your passport details below. If you are unable to provide these at the current time you will have another opportunity to upload your passport after you submit the form. If you do not provide us with this information we will be unable to issue you with your confirmation of acceptance number and you will be unable to obtain a visa.

Passport details

Passport number	B03066216

Further details

Have you previously studied in the UK?	No
What was the highest level of study in the UK?	
Please confirm the total length of your UK study in years	

Referees

Referee 1

Do you have a reference to upload?	Yes
Type of reference	
Referee title	
Forename	
Surname	
Position	
Institution/Company	
Email address	
Country	

Referee 2

Do you have a second reference to upload?	Yes
Type of reference	
Referee title	
Forename	
Surname	
Position	
Institution/Company	
Email address	
Country	

Funding

Funding 1

What is your likely source of funding?	Yourself/family
Please give the name of your scholarship or Studentship	
Please specify	
Percentage from this source	100
Is this funding already secured?	No

Funding 2

What is your likely source of funding?	
Please give the name of your scholarship or Studentship	
Please specify	
Percentage from this source	
Is this funding already secured?	

Funding 3

What is your likely source of funding?	
Please give the name of your scholarship or Studentship	
Please specify	
Percentage from this source	
Is this funding already secured?	

Other funding

I would like to be considered for other funding opportunities	Yes

Submission

Documents

Document type	File name
Application form PDF (anonymised)	Anon 2647622~01~01.pdf
References	pj for Bristol PhD .pdf
Personal statement	PhD Personal Statement.pdf
Research proposal	Bristol PhD Research Statement_2024-05-01_151613.pdf
Transcript	Transcript_compressed.pdf
Curriculum vitae	My CV_2024-04-26_143634.pdf
Passports and visas	unyah.pdf
References	prof Xavier .pdf
Degree certificate	Uniuyo result.pdf
Language qualification	2024_04_21 12_23 Office Lens.pdf

By ticking the checkbox below and submitting your completed online application form, you acknowledge the University of Bristol will use the information provided from time to time, along with any further information about you the University may hold, for the purposes set out in the University's full Data Protection Statement. Applicants applying to the collaborative programmes of doctoral training should also read the Data Protection Statement for collaborative programmes of doctoral training.

The information that you provided on your application form will be used for the following purposes:

- To enable your application for entry to be considered and allow our Admissions Advisors, where applicable, to assist you through the application process;
- To enable the University to compile statistics, or to assist other organisations to do so. No statistical information will be published that would identify you personally;
- To enable the University to initiate your student record should you be offered a place at the University.

All applicants should note that the University reserves the right to make without notice changes in regulations, courses, fees etc at any time before or after a candidate's admission. Admission to the University is subject to the requirement that the candidate will comply with the University's registration procedure and will duly observe the Charter, Statutes, Ordinances and Regulations from time to time in force.

By ticking the checkbox below and submitting your completed online application form, you are confirming that the information given in this form is true, complete and accurate and that no information requested or other material information has been omitted. You are also confirming that you have read the Data Protection Statement and you confirm the statement below.

I can confirm that the information I have provided is true, complete and accurate. I accept that the information given in my application will be stored and processed by the University of Bristol, in accordance with the *UK General Data Protection Regulation and Data Protection Act 2018*, in order to:

- Consider my application and operate an effective and impartial admissions process;
- Monitor the University’s applicant and student profile;
- Comply with all laws and regulations;
- Ensure the wellbeing and security of all students and staff;
- If my application is successful to form the basis of the statement made within my application.

If the University of Bristol discovers that I have made a false statement or omitted signification information from my application, for example examination results, I understand that it may have to withdraw or amend its offer or terminate my registration, according to circumstances.

1 Educational Background:

- University Of Uyo, Uyo B.Sc.(Mathematics), Second Class Upper. – 2023.
- (An interlude of least 10 years of intense personal studies and researches. This is responsible for the intellectual achievements/awards listed.)
- Etinan Institute, Etinan WASSC(WAEC) – 2003.
- Q.I.C. Primary School, Ekpene Ukpa, Etinan L.G.A. F.S.L.C. – 1997.

2 Notable Awards:

Notable Awards:

- In 2017, won in company of three others, First Prize for University Of Uyo in the National Mathematics Competition for University Students (NAMCUSS); being the second highest scorer for the University.
- Won a Silver Medal for personal achievements on the same occasion.

3 Intellectual Achievements:

I have active interest in Mathematical Researches, especially in challenging and open problems. I have some of them already published in arxiv.org. All of them are in open access. Some of them are:

1. A Study of Some Equivalence Properties Of Primes (In Their Pairs), arXiv:2110.07334v1[math.GM].
2. Another Aspect Of Goldbach Conjecture, arXiv:2110.07334v2[math.GM].
3. Arbitrarily Large Goldbach (Even) Integers, arXiv:2110.07334v3[math.GM].
4. A Look At Goldbach Conjecture, arXiv:2110.07334v4[math.GM].
5. An Extension Of Vinogradov's Theorem. arXiv:2110.07334v5[math.GM].

4 Computer Literacy:

- I am an efficient user of the latex software.
- I have basic knowledge in computer programming; especially in Basic, Java, Matlab.
- I can also work with Ms Word, Excel and Spreadsheet.

5 Leadership Skills/Social Intelligence:

I have learned and acquired a good dose of leadership qualities and social intelligence over the years. And have experimented them while serving as:

- Hon. Member Faculty Of Science of Reps. – 2016.
- Senator Of Tusker's Republic (Uniuyo Students' Union Government). – 2016-2017.
- President, Department Of Mathematics, University of Uyo. – 2018-2019.

6 Leisure:

- Reading
- Traveling
- Cogitation
- Music
- Discussions

7 Working Experiences And Others

- NYSC: Exemption (2023)
- Private Tutorship (From September 2012 Till Present)
- Cardinal Ekandem Seminary: Mathematics Teacher (February 2022-August 2023)
- Bright Future Academy: Mathematics Teacher (January 2021-January 2022)
- Sales Representative for Fast Moving Goods and Services, FMCG (2017-2020)
- Enumerator, National Census – 2006.
- Pipe-line Welding, N.D.D.C. – 2005-2008.

UNIVERSITY OF UYO

OFFICE OF THE REGISTRAR

(DIRECTORATE OF ACADEMIC AFFAIRS)

Telephone: 0802 107 3447
0706 801 4231
Fax: 234-85-202695

P.M.B. 1017
UYO
AKWA IBOM STATE
NIGERIA

Our Ref: UU/REG/DAA/161/6606

JUNE 06, 2023

UNYAH, UBOHO ETIM

14/SC/MA/066

NOTIFICATION OF DEGREE RESULT

I am pleased to inform you that Senate at its SPECIAL meeting held on MAY 24, 2023 approved that you have satisfied the Requirements and qualified for the award of the degree of Bachelor of SCIENCE in MATHEMATICS with SECOND Class Honours (UPPER Division).

Accept our congratulations.

MRS. CATHERINE M. ALONGE
For: **REGISTRAR**
(DIRECTORATE OF ACADEMIC AFFAIRS)

*__Personal Statement:__

I am Unyah Uboho, a Mathematics graduate. As a mathematics graduate, I have a Bsc. (Hons) Mathematics, second class upper division. But my interest in Mathematics has been quite perennial.

Apart from being mathematically inclined from primary school, mathematics over years has become the glasses through which I see the world. In my view, I describe myself as being diverse, inquisitive and introspective.

I've actually been actively interested in a wide variety of mathematical fields; both in the pure and in the applied. (From Number Theory to Nonstandard Analysis, from Fluids Mechanics to Electromagnetic Theories.)

I am an efficient user of the latex software, I have a working knowledge of the Ms office packages like word, excel, etc. A grasp of SPSS, java and matlab programming languages. And other aspects of ICT related knowledges.

I'm also interested in athletics and other extracurricular activities. For example, I like long distance races, chess games, Nsa Isong, etc. I have run a couple of marathons as an amateur athlete.

Sometimes I have an inclination to conduct some researchs on concepts which as my teachers suggest, would be assumed to be exclusively left for post doctorates. This inclination has actually made me research and write quite a lot of things. But I've only published a few of them.

Undaunted, I have quite a couple of works which I have had to publish on arXiv. And there are others, which for the time have been left unpublished in my drawers. I will give a list, and the link of my published works that are in arXiv.

This desire to delve more into mathematical research, became intensified over time. And it has made me resolve to understand the truth of why the world is as it is, and not different. And it is my believe, that in your institution, I will be of immense benefit to your institution, to the people who look up to me and to me; for the contributions I'm to make both personally and in collaboration with other good minds that you are constantly gathering up.

My Published Works:

The works listed here are very recent and provides answers to a number of open problems involving prime(s) (numbers). This includes the following:

•a proof of the existence of arbitrarily large Goldbach even integers that
$\limsup(m)=\infty$.[3]

•proof of a relationship between prime pair equivalence and the distribution of primes in Arithmetic Progressions.[1],[3]

•proof of the role of equivalences on the multiplicity w(m) of the expression (i.e. the partition function of m)
of m=pi+pj, and explains the phenomena of such multiplicities
as it applies the prime partition of Goldbach Even Integers.[1]

•proof of a relationship between the partition function w(m) to the PAP
of length k; for every k.[4]

•proof of the existence of even Integers that can be expressed in "w" ways
(w>1) as a sum of two primes.[1]

•proof of every even Integers m≥4 as a sum of two primes; the
Goldbach Conjecture.[4]

•proof of all even integers (positive and negative) as a difference between two primes; the Maillet's Conjecture.[4]

•proof a relationship between the partition function w(m) of m=2p as a function of 3PAPs. And other important deductions from it.[2]

•proof that every sufficiently large natural number (both even and odd), as
sum of three primes; extension of Vinogradov's Theorem.[5]

I believe in that your institution, I will be able to achieve the techna necessary to attend this desired goal. This will be very of high importance both personally and socially; as it will enable me be a better apostle of a new generation science and technologists that will come under my care.

I am really optimistic that in your institution, I will be what I've always wanted to be; a mathematician who is able to discover principles, while also being at home with how his theories can used for the betterment of our world.

Research Statement

Uboho Unyah

1 Introduction

I have been interested in Mathematics from my early school days (Primary School), went for quizzes on it, etc. Curious about the entirety of the subject, my interest in it has undergone series of metamorphoses on its different aspects. I have been particularly interested in certain areas of Pure Mathematics (but my interest in the Applied Mathematical fields like Fluid Mechanics, Elasticity and Electromagnetic Theories surges up intermittently).

My favourite mathematics topics were Coordinate Geometry, Permutations and Combination, Matrices and Déterminants and their various applications (but these were specifically considered Further Mathematics topics). During the interlude between my Secondary Education and my Undergraduate Studies, I underwent a lot of studies and personal developments: this focused particularly on Physics at the early phases and later on, to Mathematics. That is when I learned for the first time that Light sometimes (under some conditions) does not travel in a straight line! Quite bewildering, considering the "Rectilinear Propagation Of Light" of secondary school physics. My favourite topics at this stage were Diffraction Grating, Photoelectricity and Bragg's Law. And when my attention shifted back to Mathematics, I had favourite areas like Laplace Transform, Fourier Analysis and later on, became preoccupied by the existence of infinitesimals (which subsequently became my researche area during my Undergraduate Degree project). My undergraduate project topic was: Nonstandard Analysis; Definitions, Basic Properties And Some Applications. This dealt with the Nonstandard Categories, Nonstandard Fields, Nonstandard elements and their field properties (as a Non-Archimedean field).

In my early undergraduate years, my favourite area was Abstract Algebra and to a lesser extent, Linear Algebra. But as studies progressed, my focus shifted towards Functional Analysis and the Topologies (General and Algebraic). Algebraic topological tools like Category Theory proved quite useful to me during my undergraduate project research. It helped in explaining the "* Transform" and in highlighting the relationship between the Real Category and the Hypereal (Nonstandard Category).

2 Projects

In May 2020 during the Lockdowns, I tried to understand why Goldbach Conjecture - so simple in statement - should be very difficult to prove. This brought me to a number of discoveries which I have uploaded to arXiv and some

more are still in the process of development and further discoveries. Here I will mention a few which I feel are most relevant to my proposed PhD research topic: A Proof Of Erdos-Turan Conjecture On Additive Basis Of Order Two.

2.1 A Study Of Some Some Equivalence Properties Of Primes In (In Their Pairs):

Here the tools we used in this work are basically elementary in nature. Its focus is on specific subset $P \subset N$ the set of Primes [8]. In this case, if $p_i, p_j, p_r, p_s \in P$ with $m = p_i + p_j = p_r + p_s$ then $(p_i, p_r) \sim (p_s, p_j)$ where $\sim$ is an equivalence relation and $(p_i, p_r), (p_s, p_j) \in P^2$. This is fundamental! And by extension, if m is an Integer that can be expressed as a sum of two primes with partition function $r_P(m) > 1$, an equivalence relation exists between each the prime pairs involved in the partition. This ensures the existence of an Arithmetic Progression in P[10] .

Future:

Our future project is to investigate and discover the interesting results that could be obtained by extending our search to arbitrary subsets A of N. If A is made to be an arbitrary subset of N such that $\forall n \in N$ can be expressed as $n = a_i + a_j$; $a_i, a_j \in A$ with a partition function $r_A(n) > 1$ is there always an equivalence between the partitions? The fundamental observation in this project is carried further in the next section.

2.2 Arbitrarily Large Golbach (Even) Integers:

This built on the previous works, and influenced Goldbach Conjecture and others. Here we observe that if m is an even Integer partitioned into two primes, with partition function $r_P(m) > 1$ for an arbitrary value $r_P(m)$, then there exists an arithmetic progression U such that the primes in the partition of m are terms of U. This is immediately obvious using Dirichlet's Theorem on Primes In Arithmetic Progressions [6].

The next one very close to it is that, for any PAP of length k, for arbitrary k, there exists an even integer m such that all the terms in $\{p_i\}_{i=1}^{k}$, $k \in N$ form partitions of m. That is: for any AP of Primes $p_1, p_2, \ldots, p_k \in \{p_i\}_{i=1}^{k}$ there is $m = p_1 + p_k = p_2 + p_{k-1} = \ldots = p_u + p_w$ [9] . In this case, $r_P(m) > 1$ and specifically $r_P(m) = \lceil \frac{k}{2} \rceil$, $k \in N$ and $\{p_i\}_{i=1}^{k}$ is an arbitrarily long Prime Arithmetic Progressions. This is an application of Green-Tao Theorem [3]. Note that $f(x) = \lceil x \rceil$ is the ceiling function.

Again using Green-Tao Theorem, we proof that $\lim_{m \to \infty} r_P(m) \to \infty$. That is, there exist arbitrarily large even integers whose partition function diverges. This is an aspect that touches the heart of Erdos-Turan Conjecture On Additive Basis [1].

Future:

Our future project is to focus on the extention of A to an arbitrary subset of N (finite and infinite). The research is to ask and answer (old and new) questions on the partition function, its growth and divergence (or convergence) as the case may be. We would need to study the density of (arbitrary) A [4], the existence of Arithmetic Progressions in A [2] and its applications in the different mathematical fields [7,5].

On the whole, our future projects will be to study the extensions of our previous works. We will investigate the extent to which it will (with the incorporation of relevant tools) address some related problems like the Landau's Problems. We will investigate the properties of different bases of N, it's density, existence of Arithmetic Progression, its partition function properties and its applications in other areas of Mathematics. This is among the few aspects which makes a research on Erdos-Turan Conjecture On Additive Basis of immediate interest to our study.

References

1. Agama, T: *On The The Erdos-Turan Additive Base Conjecture* Available at arXiv:2010.11857v2 [math.GM] 9 Jun 2021
2. Debnath Pintu And De, Dibyendu:*Abundance Of Arithmetic Progression In CR−Set* Available at: arXiv:2211.12372v3 [math.CO] 30 Jul 2023
3. Green, Ben and Tao, Terence: *The Primes Contain Arbitrarily Long Arithmetic Progressions* Available at arXiv:math/0404188v6 [math.NT] 23 Sep 2007
4. Griesmer, John T:*Sumsets Of Dense And Sparce Sets* Available at arXiv: 0911.2278v2 [math.DS] 1 Nov 2010
5. Hegarty, Peter:*Essentialities In Additive Bases* Available at arXiv:0802. 2928v4 [math.NT] 15 Apr 2008
6. Macias, Jhixon: *On A Special Case Of Dirichlet's Theorem* Available at arXiv:2311.11946v1 [math.GM] 27 Sep 2023
7. Nathanson, Melvyn B.: *Every Function Is The Representation Function Of an Additive Basis For The Integers* Available at arXiv:math/0302091v2 [math.NT] 3 Dec 2003
8. Unyah, Uboho:*A Study of Some Equivalence Properties Of Primes (In Their Pairs)* Available at arXiv:2110.07334v1 [math.GM] 12 Oct 2021
9. Unyah, Uboho: *Arbitrarily Large Goldbach (Even) Integers* Available at arXiv:2110.07334v3 [math.GM] 19 Nov 2021
10. Zhang, Shaohua: *Goldbach Conjecture and the least prime number in an arithmetic progression* Available arXiv:0812.4610v7 [math.GM] 23 Feb 2010

APPENDIX I

UNIVERSITY OF UYO

P.M.B. 1017, UYO

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ACADEMIC RECORD

UNYAH	UBOHO	ETIM	OCTOBER, 2014	UME
LAST NAME	FIRST	MIDDLE	DATE OF ADMISSION	MODE OF ENTRY
6/07/1986	APAPA. LAGOS STATE	MALE	14/SC/MA/066	
DATE OF BIRTH	PLACE OF BIRTH	SEX	REGISTRATION NUMBER	
4 UNYAH.S QRTS EKPENE UKPA ETINAN L,G.A, AKS		SCIENCE	DEGREE	
PERMANENT ADDRESS		FACULTY	PROGRAMME	
ETIM THOMPSON, KUBUSA GARDEN ESTATE, GARKI ABUJA		MAY, 2023	B.Sc (MATHEMATICS)	
PARENT'S/GUARDIAN'S	NAME AND ADDRESS	DATE OF GRADUATION	DEGREE EARNED	
SAME AS ABOVE		SECOND CLASS HONOURS (UPPER DIVISION)		
NAME AND ADDRESS OF SPONSOR		CLASS OF DEGREE		

ENTRY QUALIFICATION		COURSE CODE AND NUMBER	COURSE TITLE	CREDIT HOURS	GRADE	QUALITY POINTS	REMARKS
WASSC JUNE 2003			**YEAR 1 SEM. I 2014/2015**				
ECONOMICS	5	BIO111	General Biology I	4	F	0	To Rpt
GEOGRAPHY	4	CHM111	General Chemistry I	3	C	9	
ENGLISH LANG	6	CHM112	Lab For General Chemistry	1	A	5	
FUR. MATHS	3	CSC111	Introduction To Computer Science	2	D	4	
MATHEMATICS	5	GST111	Use Of English I	2	C	6	
AGRIC SC.	1	GST112	Philosophy And Human Existence	2	B	8	
BIOLOGY	5	MTH111	General Mathematics I	4	A	20	
CHEMISTRY	4	PHY111	General Physics I	3	A	15	
PHYSICS	3	PHY112	Lab For General Physic I	1	A	5	
			YEAR 1 SEM. II 2014/2015				
		CHM121	General Chemistry II	3	C	9	
		CHM122	Lab For General Chemistry II	1	B	4	
		CSC121	Introduction To Computer Programming	3	A	15	
		GST121	Use Of English II	2	C	6	
		GST123	Citizenship and Peace Studies	2	A	10	
		MTH121	General Mathematics II	4	C	12	
		MTH122	General Mathematics III	2	D	4	
		PHY121	General Physics I	3	C	9	
		PHY122	Lab For General Physics II	1	C	3	
		STA121	Statistics For Applied Sciences	3	C	9	
		REMARKS					

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UNIVERSITY OF UYO

P.M.B. 1017, UYO

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ACADEMIC RECORD

UNYAH	UBOHO	ETIM	OCTOBER, 2014	14/SC/MA/066
LAST NAME	FIRST	MIDDLE	DATE OF ADMISSION	REGISTRATION NUMBER

COURSE CODE AND NUMBER	COURSE TITLE	CREDIT HOURS	GRADE	QUALITY POINTS	REMARKS
	YEAR I1 SEM. 1 2015/2016				
BIO111	General Biology I	4	D	8	Rptd Sc
CSC211	Introduction To Computer Design And Programming I	3	C	9	
GST211	Entrepreneurial Studies I	2	A	10	
MTH211	Mathematical Methods I	3	B	12	
MTH212	Introductory Algebra	3	A	15	
MTH213	Linear Algebra I	3	C	9	
MTH214	Classical Mechanics	3	B	12	
MTH215	History Of Mathematics	3	B	12	
	YEAR I1 SEM. I1 2015/2016				
CSC221	Introduction To File Processing	3	B	12	
CSC222	Introduction To Computer Design And Programming II	3	B	12	
GST221	Entrepreneurial Studies II	2	A	10	
MTH221	Mathematical Methods II	3	C	9	
MTH222	Real Analysis I	3	C	9	
MTH223	Introductions To Numerical Analysis	3	B	12	
MTH224	Linear Algebra II	3	B	12	
STA221	Probability II	3	D	6	
	YEAR II1 SEM. 1 2016/2017				
MTH311	Mathematical Methods III	3	F	0	To Rpt
MTH312	Abstract Algebra I	3	B	12	
MTH313	Advanced Calculus I	3	B	12	
MTH314	Complex Variables I	3	D	6	
MTH315	Real Analysis II	3	C	9	
MTH316	Introduction To Numerical	3	A	15	
	YEAR II1 SEM. I1 2016/2017				
MTH321	Metric Space Topology	3	C	9	
MTH323	Abstract Algebra II	3	D	6	
MTH324	Complex Variables II	3	B	12	
MTH325	Classical Mechanics II	3	B	12	
MTH326	Hydrodynamics	3	A	15	
STA321	Probability III	3	D	6	

REMARKS

APPENDIX I

UNIVERSITY OF UYO

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ACADEMIC RECORD

UNYAH	UBOHO	ETIM	OCTOBER, 2014	14/SC/MA/066
LAST NAME	FIRST	MIDDLE	DATE OF ADMISSION	REGISTRATION NUMBER

COURSE CODE AND NUMBER	COURSE TITLE	CREDIT HOURS	GRADE	QUALITY POINTS	REMARKS
	YEAR IV SEM. I 2017/2018				
MTH410	Elasticity I	3	B	12	
MTH411	Ordinary Differential Equations I	3	B	12	
MTH412	Partial Differential Equations	3	D	6	
MTH413	Functional Analysis	3	A	15	
MTH414	Lebesgue Measure And Integration	3	C	9	
MTH415	Mathematical Methods IV	3	A	15	
MTH417	Fluid Dynamics	3	A	15	
MTH418	Numerical Analysis	3	D	6	
	YEAR IV SEM. II 2017/2018				
MTH420	Student's Project	6	A	30	
MTH421	General Topology	3	A	15	
MTH423	Introductory Biomathematics	3	C	9	
MTH424	Algebraic Topology	3	A	15	
MTH425	Fluid Dynamics II	3	C	9	
MTH427	Ordinary Differential Equation	3	B	12	
	YEAR IV SEM. I 2018/2019 (SPILLOVER)				
MTH311	Mathematical Methods III	3	A	15	Rptd Sc
	Final GPA = 3.56				

REMARKS

REMARKS			
OFFICER ISSUING RESULT	Abosede Anietie Efi (Mrs)		
DESIGNATION	PRIN. ASST. REGISTRAR	SIGNATURE, STAMP AND DATE	21/9/23

GRADING SYSTEM

SCORE	GRADE	GRADE POINT	DESCRIPTION
70% AND ABOVE	A	5.00	DISTINCTION
60-69%	B	4.00	VERY GOOD
50-59%	C	3.00	GOOD
45-49%	D	2.00	FAIR
40-44%	E	1.00	PASS
BELOW 40%	F	0.00	FAIL

GRADING SYSTEM

OVERALL GRADE POINT AVERAGE	DEGREE CLASSIFICATION
4.50 AND ABOVE	1ST CLASS HONOURS
3.50 – 4.49	2ND CLASS (HONS) UPPER DIVISION
2.40 – 3.49	2ND CLASS (HONS) LOWER DIVISION
1.50 – 2.39	3RD CLASS HONOURS
1.00 – 1.49	PASS

NOTE:
(I) F IS A FAILING GRADE
(II) PROBATION IF GPA IS LESS THAN 1.00
MUST WITHDRAW IF CUMULATIVE GPA IS BELOW 1.00
AT THE END OF THE PROBATION YEAR

The West African Examinations Council

West African Senior School Certificate

JUNE 2003

This is to Certify that: **UNYAH UBOBO ETIM**

born on: **JULY 6, 1986**

sex: **MALE**

having been in attendance at the following recognized school

ETINAN INSTITUTE, ETINAN

sat The West African Senior School Certificate Examination and obtained the results shown below.

SUBJECT	GRADE
ECONOMICS	5
GEOGRAPHY	4
ENGLISH LANGUAGE	6
FURTHER MATHEMATICS	3
MATHEMATICS	5
AGRICULTURAL SCIENCE	1
BIOLOGY	5
CHEMISTRY	4
PHYSICS	3
SUBJECTS RECORDED	NINE

CD 06

CANDIDATE No.
4040705061

CERTIFICATE No.
NGWASSCS 4196236

Chairman of Council

Registrar to the Council

UNIVERSITY OF UYO

Department of Mathematics

Faculty of science, P.M.B.1017, 520003, Uyo, Nigeria.

Wednesday 21st 2023

The Admissions Officer
University Of Bristol,
United Kingdom
Sir/Madam,

Recommendation For A Postgraduate Student

I am Paul J. Udoh; a Professor of mathematics, University of Uyo. Mr. Uboho Unyah had earlier inform me of his interest to study for masters degree in Mathematics in your university.

I have known him since he was in his second year, when I taught him Introductory Algebra (Mth 212). And later on, other courses like Advanced Calculus (Mth 313), Fluid Mechanics (Mth 417) and Elasticity (Mth 410).

He completely impressed me, the department and the University; when I led a team of students for a national mathematics competition (NAMCUS 2017). He helped us emerge winners in the competition. The trophy he contributed to, is still with us in the department.

We have continued to be in contact with him without an intermission. He was among the few students, who often will called me even when I was on sabbatical in Michigan State University in United States of America.

I have found it quite interesting that, while some students like only pure mathematics and others like only the applied; he takes on both sides of the courses with appreciable zeal. I still remember when he said in class that he likes sitting by the riverside to observe the application of fluid mechanics.

And for his undergraduate project work, he to our astonishment went for Nonstandard Analysis; a subject in pure mathematics deemed too advanced for an undergraduate. He did excellently and obtained an absolute A. And unsurprisingly got the recommendation of the external examiner.

His ability to dissect and explain the difficult parts of mathematical reasoning, made him easily gain the following of colleagues and hence had to take the junior colleagues on tutorials. They happily voted for him in his final year to become the departmental President.

There are many things you would like about him. And I am convinced that if you admit him for his Phd, you will be very glad you did.
Thanks.

Prof. Paul J. Udoh
University Of Uyo
Nigeria

UNIVERSITY OF UYO

Department of Mathematics

Faculty of science, P.M.B.1017, 520003, Uyo, Nigeria.

26th April 2024

The Admissions Officer
University Of Bristol
United Kingdom
Sir/Madam,

Recommendation For A Postgraduate Student

I have chosen to write to you concerning Unyah Uboho, who graduated from the Department of Mathematics a while ago.

I have known him for at least five years now. This was inevitable since mathematics students necessarily have to study Functional Analysis and General Topology. Hence I have taught him and also came to awareness of his mathematical bent and core interests in the different areas of pure Mathematics. Over the years our closeness has been keen, as I also had much interest in Mathematics even from my days as a student.

As a staff, I have found him to be quite an interesting and thoughtful fellow. He is well coordinated and well mannered. This is what has kept our relationships going all these years.

As I came to the knowledge of his interest in studying further, I am not at all surprised. I knew this too was inevitable given his sound academic standing.

Without having to say much, I do recommend him to be an excellent person. And you will never be disappointed that he is with you.Thanks.
Yours faithfully

Xavier

Prof. Xavier A. Udoutun
Department Of Mathematics
University Of Uyo
Nigeria

ECONOMIC COMMUNITY
OF WEST AFRICAN STATES
COMMUNAUTE ECONOMIQUE DES ETATS
DE L'AFRIQUE DE L'OUEST
COMUNIDADE ECONOMICA DOS ESTADOS
DA AFRICA DO ESTE

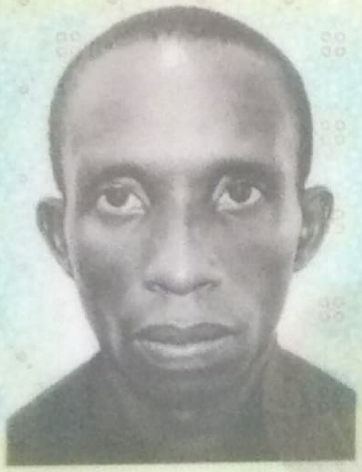
FEDERAL REPUBLIC OF
NIGERIA
RÉPUBLIQUE FÉDÉRALE DU NIGÉRIA
REPÚBLICA FEDERAL DA NIGERIA

PASSPORT
PASSEPORT
PASSAPORTE

B03066216

FEDERAL REPUBLIC OF NIGERIA

Passport / Passeport



Type / Type
P

Country Code / Code du pays
NGA

Passport No. / N° Passeport
B03066216

Surname / Nom
UNYAH

Given Names / Prénoms
UBOHO

Nationality / Nationalité
NIGERIAN

Previous Passport / Passeport Précédent

Date of Birth / Date de Naissance
06 JUL / JUIL 86

NIN
24684534603

Sex / Sexe
M

Place of Birth / Lieu de Naissance
LAGOS

Date of Issue / Date de Délivrance
03 JAN / JAN 24

Authority / Autorité
UYO

Date of Expiry / Date d'Expiration
02 JAN / JAN 29

Holder's Signature / Signature du Titulaire

Unyah

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