

MEDI NAZAR

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Tutorial Videos: <https://www.facebook.com/QandAMaths/reels>
https://www.tiktok.com/@qanda_maths?lang=en
TEFL Certificate: <https://teacherrecord.com/checking/TR3273352196>
Website: <https://medi.migaraonlineacademy.com/>



PERSONAL STATEMENT

I am a passionate learner and teacher who loves sharing knowledge to my students and to my kids. I was a university teacher in computer engineering field in the Philippines and in Sudan. I recently held a Secondary Math (Lower & IGCSE) and ICT teaching position in one of the British schools in Khartoum, Sudan. As a teacher, I put myself in the shoes of my students so I can find ways how they can easily understand the subject. I believe that continuous professional development is crucial in academic environment. Hence, I am leveraging online resources to study programming languages such as Python and Scratch, taking courses/modules from the British Council as well as honing further my teaching skills by answering Math examination questions (IGCSE/SAT) and creating Math tutorial videos during my free time.

HARD SKILLS ICT/CS RELATED

MS Office – Word, Excel, PowerPoint, Access
C Programming, Python Programming, Scratch Programming, HTML Coding

SOFT SKILLS

Collaboration, Communication, Problem Solving, Analytical Thinking, Adaptability

SUBJECTS PREVIOUSLY TAUGHT

Mathematics Lower Secondary & IGCSE, ICT Lower Secondary
C Programming, Computer Systems, Digital Logic, Digital Systems, Data Communications

COURSES & MODULES TAKEN FROM THE BRITISH COUNCIL in 2023

Taking Responsibility for Professional Development (Observation, Feedback, Reflection, Action Plan, Conferences, Publications, Professional Portfolios)

Leadership Development (Leadership vs Management, Monitoring, Self-Evaluation)

Future Core Skills (Thinking Skills, Deep Learning, Exploratory Talk, Citizenship and Global Awareness, Linking Schools and Collaborative Projects)

Digital Literacy Modules, Safeguarding, Schools Now 2023

WORK EXPERIENCE

Aug 2022 – May 2023

SECONDARY MATH & ICT TEACHER **Unity High School, Khartoum, Sudan**

- Teaching Math & ICT subjects, Year 8 to Year 10 students.
- Assisting Math department and ICT department in their extra-curricular activities such as Math and ICT competition.
- Developing lesson materials and presentation.

May 2011 – Oct 2013
Feb 2010 – Sep 2010

ASSISTANT PROFESSOR
Future University, Khartoum, Sudan

- Coordinator & teacher in electronics & computer engineering department. Taught computer science and IT students.
- Handled electronics engineering as department head.
- Developed lecture materials and presentation.
- Supervised graduating students in their final year projects.
- Reviewed and paneled final year projects, documentation and prototypes of graduating students.
- Member of Senate Committee, the committee that decides on important academic matters in the university.

Jan 2005 – Dec 2008

ASSISTANT PROFESSOR
ECE Department, De La Salle University, Manila, Philippines

- Handled undergraduate and graduate modules as coordinator and teacher.
- Developed lectures.
- Taught subjects in computer, electronics & communication engineering.
- Worked with groups of students in their thesis projects.
- Engaged in curriculum development.
- Improved and implemented thesis policies as thesis coordinator.

Jul 2001 - Oct 2002

ACADEMIC SERVICE FACULTY
Department De La Salle University, Manila, Philippines

- Supervised students, implemented policies and guidelines inside the ECE Research laboratories.
- Maintained physical facilities and equipment in coordination with the technician and physical facilities personnel.
- Planned for the development and modification of the ECE Research laboratories.

EDUCATION

Jan 2011 – Apr 2011

De La Salle University, Manila, Philippines
Graduate School of Engineering
Courses taken: Game Theory, Optimization, Philosophy of Technology

Jan 2009 – Dec 2009

National University of Singapore
Graduate School of Engineering
Courses taken: Computer Communication Network, Wireless Network

Nov 2002 – Dec 2004

King Mongkut's Institute of Technology Ladkrabang (KMITL)
Bangkok, Thailand
Graduate School of Studies
Masters of Engineering in Computer Engineering, GPA: 3.65/4.0
Thesis: Hardware Design of Hybrid (RSA-IDEA) Cryptosystem

Jun 1995 – Mar 2000

University of Santo Tomas
Manila, Philippines
Bachelor of Science in Electronics and Communications Engineering
Honor received: *Cum Laude*

PUBLICATIONS

Conference Paper:

Best Paper Nominee

“Pointing Gestures for a Robot Mediated Communication Interface”

International Conference on Intelligent Robotics and Applications

Singapore, *December 16-18, 2009*

“Bit Serial Modular Multiplication on FPGA”, HNICEM International Conference, Manila, Philippines, *March 17-20, 2005*

Journal Paper:

“An FPGA Implementation of Systolic Array for Montgomery Modular Multiplication”,

Ladkrabang Engineering Journal, Faculty of Engineering, KMITL, Bangkok, Thailand,

January 2005

SCHOLARSHIPS / LICENSURE EXAM

Nov 2002 - Dec 2004 ASEAN University Network/Southeast Asia Engineering Development
-Network (AUN/SEED-Net) Scholarship

Nov 2000 Passed in Electronics and Communications Engineering (ECE)
Licensure Examination

Jun1995 - Mar 2000 Department of Science and Technology (DOST) Scholarship

INTERESTS

Creating tutorial videos, Community Service, Mountaineering, Baking