

Roa Omer
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Current Address
Trieste, Italy.

Roa Mohammd Yagb Omer

Education

October 2023 - Present, International School for Advanced Studies (SISSA), Italy.

PhD in Physics and Chemistry of Biological Systems, Supervisor: Jacopo Grilli

2022 - 2023, The Abdus Salam International Center for Theoretical Physics(ICTP), Italy.

Postgraduate diploma in quantitative life sciences.

2019 - 2020, African Institute for Mathematical Seines, Cameroon.

Master Degree in Mathematical Sciences.

2012 - 2016, Sudan University of Sciences and Technology, Sudan.

Bachelor's Degree in Scientific Laboratories - Physics.

Experience

September, 2014, SUST Training Certificate

Training Certificate in Iso/Iec 17025:2005 Awareness for Practical and Management requirements.

March, 2015 Training Certificate

Training Certificate at the department of Biomedical engineering at the Military Hospital, Sudan.

Jun 2016 - Jul 2016, Training Certificate at the department of Biomedical engineering

Training Certificate at the department of Biomedical engineering - Nyala Turkish Hospital, Sudan.

March 2017 - March 2018, Teaching Assistant

Teaching Assistant at Sudan University of Science and Technology college of Science department of physics.

2017 to 2019, Teaching Assistant

Teaching Assistant at University of Medical Science and Technology Preparatory college department of physics.

October 2020, Part-Time Lecturer

Part-Time Lecturer at University of Nyala college of engineering, Sudan.

March 2021, Full-Time Human Resources Officer

Full-Time Human Resources Officer at The Sudanese Red Crescent Society, Sudan.

June 2022, Lecturer

Full-Time Lecturer at Unity College, department of Physics and Chemistry, Sudan.

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Fellowships/Awards

2022-2023, ICTP Postgraduate diploma Scholarship

Awarded Got fully funded ICTP/UNESCO scholarship “pre-PhD programme for talented students”

2019-2020, Master Card foundation Scholarship

Awarded a master degree scholarship at African Institute for Mathematical Seines, Cameroon for the talent students from Africa.

2013 to 2016, Sudan University of Sciences and Technology Excellent Students Award

I have received an excellent study certificate for good performance, hard working for studies and outstanding achievements in academic years (2013-2014, 2014-2015, 2015-2016).

Softwares

Programming

MATLAB | •Python | •C++ | •C

Applications

Microsoft Office

Languages

- Arabic- Mother Tongue
- English- Fluent.

Interest activities

- Member of Next Einstein Form (NEF) – Sudan.
- Participating in organizing Falling Walls Lab Khartoum, Sudan competition which was held in Septembers 2018 at (GCC) of University of Medical science and technology.
- Volunteering experience at Refga Orphan organization from 2017 up to now.
- Member of Sudanese Red Crescent (SRC).