



C. V.

Jaafar Abbakar Ahmed Alnoor

Power Electronics and Power Systems-
Data Networks & Communications Engineering

- 546, 8, 18, Jabra-south.
- +249(0)126938569
- +249(0)911484998
- jaawish@gmail.com
- [jaafar-alnoor-8a74b41a0](https://www.linkedin.com/in/jaafar-alnoor-8a74b41a0)

Experience



University of Khartoum, Khartoum, Sudan.

Lecturer

Engineering Diploma Programs, Faculty of Technological and Developmental Studies.
Part-Time
January 2022 – Present. (0 year 10 months)

Technical Coordinator

Engineering Diploma Programs, Faculty of Technological and Developmental Studies.
Part-Time
May 2016 – June 2019. (3 years 2 months)

Technician

Department of Electrical & Electronics, Faculty of Engineering.
Full-Time
August 2015 – June 2019. (3 years 11 months)



Jordanian Sudanese College for Science and Technology, Khartoum, Sudan.

Lecturer

Department of Electrical & Electronics Engineering.
Full-Time
November 2021 – Present. (0 year 11 months)

Teaching Assistant

Department of Electrical & Electronics Engineering.
Full-Time
November 2015 – June 2019. (3 years 8 months)

Technician

Department of Electrical & Electronics Engineering.
Full-Time
November 2014 - October 2015. (1 year 0 month)

Teaching Assistant

Royal College of Science & Technology, Khartoum, Sudan.

Part-Time
January 2016 - December 2016. (1 years 0 months)





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Education



Indian Institute of Technology, Mumbai, India.

Master of Technology in Electrical Engineering,
Power Electronics and Power systems,
2019 – 2021



Al-Neelain University, Khartoum, Sudan.

Master of Science in Network Engineering,
Data Networks and Communications Engineering,
2016 – 2018



Jordanian Sudanese College for Science & Technology, Khartoum, Sudan.

Bachelor of Science in Electrical and Electronics Engineering,
Telecommunications Engineering,
2013 - 2015

Intermediate diploma in Electrical and electronics engineering,
Telecommunications Engineering,
2007 – 2011

Publication

- [1] Jaafar A. A. Alnoor, Amin B. A. N. Mustafa, “*Comparative Objective Analysis of Video Quality between H.265/HEVC & H.264/AVC*”, University of Khartoum Engineering Journal, [S.I.], Volume 10, Number 01, March 2020. ISSN 1858-6333. Available at: <<https://schoolopenweek.uofk.edu/index.php/kuej/article/view/2714>>
- [2] Jaafar A. A. Alnoor, Amin B. A. N. Mustafa, “*Web Based Vehicle Tracking, Monitoring, and Security System*”, International Journal of Engineering Research & Technology, Volume 10, Issue 01, January 2021. ISSN 2278-0181. Available at: <<https://www.ijert.org/web-based-vehicle-tracking-monitoring-and-security-system>>



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Traineeship



Centre for Excellence in Telecom Technology & Management, Mumbai, India.

IPv6 Implementation Strategies in Telecom Networks,

17 October 2016 to 9 December 2016.



Air Navigation Center (ANC), Civil Aviation Authority, Khartoum, Sudan.

Air Navigation Center Systems,

15 October 2015 to 29 October 2015.



Training Administration, Civil Defense, Khartoum, Sudan.

Petroleum Products Risks and Safety Bases,

7 December 2009 to 14 December 2009.



Sudanese Electricity Distribution Co.Ltd, Alfashir, North-Darfour, Sudan.

New installation & Contingency Maintenance,

25 August 2008 to 25 November 2008.

Personal Information

- Date of Birth:** April 10, 1994.
- Gender:** Male.
- Nationality:** Sudanese.
- Marital Status:** Married.
- National Id number:** 1147-8255-309
- Address:** 546, Bystreet-8, Block-18, Jabra-south, Jabra, Khartoum, Sudan.



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Licenses & Certifications

- **Google Digital Unlocked.**
 - **Course name:** *Fundamentals of Digital Marketing.*
 - **Date of completion:** **13 May 2021.**
- **Duke University.**
 - **Course name:** *Renewable Energy and Green Building Entrepreneurship.*
 - **Date of completion:** **13 July 2020.**
- **University of California, Irvine.**
 - **Course name:** *Introduction to the Internet of Things and Embedded Systems.*
 - **Date of completion:** **8 July 2020.**
- **Tel Aviv University.**
 - **Course name:** *Introduction to Renewable Energy.*
 - **Date of completion:** **11 July 2020.**
- **McMaster University, University of California San Diego.**
 - **Course name:** *Learning How to Learn: Powerful mental tools to help you master tough subjects.*
 - **Date of completion:** **12 May 2021.**
- **University of Colorado System.**
 - **Course name:** *Fundamentals of Network Communication.*
 - **Date of completion:** **18 February 2021.**
- **University of Michigan.**
 - **Course name:** *Python Basics.*
 - **Date of completion:** **13 February 2020.**
- **DeepLearning.AI.**
 - **Course name:** *Neural Networks and Deep Learning.*
 - **Period:** **6 July 2020.**
- **The State University of New York.**
 - **Course name:** *Solar Energy Basics.*
 - **Period:** **3 January 2021.**



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Licenses & Certifications (cont.)

➤ DeepLearning.AI.

- **Course name:** *AI for Everyone.*
- **Date of completion:** **9 June 2020.**

➤ Amazon Web Services.

- **Course name:** *Getting Started with AWS Machine Learning.*
- **Date of completion:** **30 March 2020.**

➤ Stanford University.

- **Course name:** *Machine Learning.*
- **Date of completion:** **14 May 2020.**

➤ University at Buffalo, The State University of New York.

- **Course name:** *Electric Power Systems.*
- **Date of completion:** **1 July 2020.**

➤ École Polytechnique.

- **Course name:** *Photovoltaic solar energy.*
- **Date of completion:** **10 June 2020.**

➤ Cisco Networking Academy.

- **Course name:** *Introduction to IoT.*
- **Date of completion:** **25 May 2021.**

➤ Cisco Networking Academy.

- **Course name:** *NDG Linux Essentials.*
- **Date of completion:** **14 May 2021.**

➤ Charles Sturt University.

- **Course name:** *PMP Certification Masterclass.*
- **Date of completion:** **5 May 2020.**

➤ Edraak.

- **Course name:** *Leadership and Teamwork Skills.*
- **Period:** **16 February 2021.**



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Volunteer experience

Technical Services Advisor,
Sudanese Food & Nutrition Organization,
January 2017 – December 2019

Personal & Technical Skills

➤ Personal:

- **Problem-Solving:** Ability to work creatively and analytically in a problem-solving environment.
- **Knowledge Application:** I can quickly acquiring and applying knowledge.
- **Self-Study:** I have a significant ability to develop myself.
- **Teamwork:** I can work individually or within a team.
- **Hard work:** I can work in challenging circumstances and under pressure. I can work in shifts, full-time, and overtime.
- **Accuracy:** If I have to do anything, I have to do it well. I'm social, and I can get used quickly to any new environment, with good oral and written communication skills. In addition, I'm responsible, possessing excellent presentation and documentation skills.

➤ Technical:

I have excellent knowledge of basic computer software concepts and the Internet. I am an expert in MS Office Applications (Word, PowerPoint, and Excel), Windows, UNIX (Linux) operating systems, C, MATLAB programming languages and Environments, Electronic Work Bench, AutoCAD, and other software.

Languages

- **Arabic:** Native.
- **English:** V. good in reading, writing, listening, and speaking.

Memberships

- Sudanese engineer society.
- The Technicians Association of the University of Khartoum.
- Sudanese Universities Technicians Syndicate



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References

➤ **Dr. Vivek Agarwal**

Professor, Power Electronics,
Applied Power Electronics Lab (APEL), Electrical Engineering Department,
Indian Institute of Technology, Bombay, Powai, Mumbai (400076), Maharashtra, India.
Phone: +91 (0) 2225767422
E-mail: agarwal@ee.iitb.ac.in

➤ **Dr. Amin Babiker Abdal-Nabi Mustafa**

Professor, Telecommunication Engineering,
Networking Engineering Department, Faculty of Engineering,
Al-Neelain University, Almogran, Khartoum (11111), Khartoum, Sudan.
Phone: +249 (0) 918028701
E-mail: amin31766@gmail.com

➤ **Dr. Kamal Ramadan Doud**

Associate Professor, Head of Division,
Division of Power System, Department of Electrical & Electronics Engineering, Faculty of Engineering,
University of Khartoum, Khartoum (11111), Khartoum, Sudan.
Mobile: +249 (0) 911300577
E-mail: kamalramadan@hotmail.com

➤ **Dr. Iman Abuel-Maaly Abdelrahaman**

Associate Professor of Digital Signal Processing, Head of Department,
Department of Electrical & Electronics Engineering, Faculty of Engineering,
University of Khartoum, Khartoum (11111), Khartoum, Sudan.
Mobile: +249 (0) 912 14556
E-mail: imaaly@uofk.edu

➤ **Dr. Osman Ibrahim Al-Agha**

Assistant Professor,
Department of Electrical & Electronics Engineering,
Jordanian Sudanese College for Science & Technology, Lamab, Khartoum, Sudan.
Phone: +249 (0) 912353600
E-mail: osiagha@yahoo.com

➤ **Dr. Tajedin Abdelgawi Baker**

Assistant Professor, Electronics & Instrumentation,
Department of Electrical & Electronics Engineering,
Jordanian Sudanese College for Science & Technology, Lamab, Khartoum, Sudan.
Phone: +249 (0) 915111631
E-mail: tajjuba09@gmail.com