



C. V.

**Jaafar Abbakar Ahmed Alnoor**

Power Electronics and Power Systems-  
Data Networks & Communications Engineering

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✉ [jaawish@gmail.com](mailto: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, Bombay, 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, Alflashir, 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](mailto: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](mailto:amin31766@gmail.com)
- **Dr. Kamal Ramadan Doud**  
Associate Professor, Head of Division,  
Division of Power System, Department of Electrical & Electronics Engineering, Faculty of Engineering,  
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- **Dr. Iman Abuel-Maaly Abdelrahman**  
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  
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- **Dr. Osman Ibrahim Al-Agha**  
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Jordanian Sudanese College for Science & Technology, Lamab, Khartoum, Sudan.  
Phone: +249 (0) 912353600  
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- **Dr. Tajedin Abdelgawi Baker**  
Assistant Professor, Electronics & Instrumentation,  
Department of Electrical & Electronics Engineering,  
Jordanian Sudanese College for Science & Technology, Lamab, Khartoum, Sudan.  
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