

# Amin Mohammed Ahmed El-kustaban

✉ ameen.ust@gmail.com ☎ +967777266609 📍 Sana'a, Yemen 📅 22/12/1978 🇻🇪 Yemeni

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## Profile

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Good track record on applied consultants, research and academic experience using innovation, cooperation, and self-development. Flexible nature allows for innovation and respect for the opinions of others. My aim is to work in a challenging, constantly evolving, team-based environment that enables personal development and progression.

## Education

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05/2012 Leicester, UK	<b>PhD of Computer Science and Engineering,</b> <i>De Montfort University, Leicester, UK</i>
04/2007 Alex, Egypt	<b>Master of Computer Engineering,</b> <i>Arab Academy for Science and Technology, Alex, Egypt</i>
09/2002 Alex, Egypt	<b>Bachelor's of Computer Engineering,</b> <i>Arab Academy for Science and Technology, Alex, Egypt</i>

## Membership of professional Association

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08/2022 – present Yemen	<b>Member of the Committee of Experts for the Preparation of Higher Education Strategy in the Republic of Yemen 2023-2027</b>
2018 – present USA	<b>Member of IEEE</b>

## Professional Experience

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03/2019 – present Sana'a, Yemen	<b>Dean of Development and Quality Assurance,</b> <i>University of Science and Technology</i>
04/2018 – present Sana'a, Yemen	<b>Associate Prof. of Computer Architecture,</b> <i>Electronics Engineering Department, faculty of Engineering, University of Science and Technology</i>
10/2017 – 03/2019 Sana'a, Yemen	<b>Vice Dean of Engineering Faculty,</b> <i>University of Science and Technology</i>
04/2013 – 10/2017 Sana'a, Yemen	<b>Chair of Electronic Engineering Department,</b> <i>University of Science and Technology</i>
08/2013 – present Sana'a, Yemen	<b>Projects Manager,</b> <i>EliteTecs Company for Technical Solutions</i>
06/2012 – 04/2018 Sana'a, Yemen	<b>Assistant Prof. of Computer Architecture,</b> <i>Electronics Engineering Department, faculty of Engineering, University of Science and Technology</i>
03/2003 – 08/2004 Sana'a, Yemen	<b>Researcher's assistant,</b> <i>Electronics Engineering Department, faculty of Engineering</i>
2002 – 2003 Al Hodeidah, Yemen	<b>Technical specialist,</b> <i>Yemen Red Sea Ports Corporation</i>

## Training Courses

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05/2022 – 06/2022 Sana'a, Yemen	<b>Training for qualifying external reviewers for academic programs,</b> <i>The Council of Accreditation and Quality Assurance (CAQA)</i>
09/2020 Yemen	<b>Training on models and guides for accrediting the human medicine program according to the standards of the International Federation of Medical Education (WFME),</b> <i>The Council of Accreditation and Quality Assurance (CAQA)</i>
06/2016 Yemen	<b>Supervision skills for scientific theses,</b> <i>University of Science and Tecnology</i>
06/2014 Sana'a, Yemen	<b>Preparation of program specification documents (PSD) based on ABET/ACM,</b> <i>University of Science and Technology</i>
12/2013 Sana'a, Yemen	<b>Preparation of Courses Description based on ABET/ACM and Evaluation of Academic Program Outcomes,</b> <i>University of Science and Technology</i>
1998 Fresno, California, USA	<b>English program,</b> <i>International English Institute(IEI)</i>

## Publications

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2022	<b>"Analysis and Assessment of Wind Energy Potential of Almkalla in Yemen"</b> <b>Computers, Materials &amp; Continua 70 (1), 1177-1193,</b> <i>Ishfaq Yaseen and Manar Ahmed Hamza Murad A. A. Almekhlafi, Fahd N. Al-Wesabi, Majdy M. Eltahir, Anwer Mustafa Hilal , Amin M. El-Kustaban, Abdelwahed Motwakel</i>
2021	<b>Resource Assessment of Wind Energy Potential of Mokha in Yemen with Weibull Speed"</b> <b>Computers, Materials &amp; Continua 69 (1), 1123-114,</b> <i>Hany Mahgoub and Noha Negm Abdulbaset El-Bshah , Fahd N. Al-Wesabi, A. M. Al-Kustaban , Mohammad Alamgeer, Nadhem Nemri, Majdy M. Eltahir</i>
2021	<b>"Analysis and Assessment of Wind Energy Potential of Al-Hodeidah in Yemen"</b> <b>CMC-COMPUTERS MATERIALS &amp; CONTINUA 69 (2), 1995-2011,</b> <i>Fahd N. Al-Wesabi, Murad A. Almekhlafi, Mohammed Abdullah Al-Hagery, Mohammad Alamgeer, Khalid Mahmood, Majdy M. Eltahir, Ali M. Al-Sharafi and Amin M. El-Kustaban</i>
2017	<b>"A Bus Arbitration Scheme with an Efficient Utilization and Distribution "</b> <b>International Journal of Advanced Computer Science and Applications(ijacsa), Vol. 8, No. 3,</b> <i>Amin M. A. El-Kustaban and Abdullah A. K. Qahtan,</i>
2015	<b>"Design and Implementation of a Chip Multiprocessor with an Efficient Multilevel Cache System ",</b> <b>Journal of Science and Technology, vol. 19, No 1,</b> <i>A. El-Kustaban and A. Qahtan.</i>
2015	<b>"Fingerprint attendance system for educational institutes"</b> <b>Journal of Science and Technology 20 (1),</b> <i>M Alhothaily, M Alradaey, M Oqbah, A El-Kustaban</i>
2015	<b>"Low Cost Microcontroller Based TIC TAC TOE Game"</b> <b>Journal of Science and Technology 20 (1),</b> <i>Mohammed Al Wesabi, Eiad Saif, A. AL Kustaban</i>
2015	<b>"Quality Assurance Measurement of Low Flow Rate Infusion Pumps Devices"</b> <b>Journal of Science and Technology 20 (1),</b> <i>Husam Y Al, Mohamad H Al, Hamdi Ghazi, Amin El-Kustaban</i>

- 2014 **“Microcontroller-based High-way Tunnel Electrical Controlling System”**, *Journal of Science and Technology, Vol. 19, No 1*, Asem Alhammady, Motea Alsamawi, Mokarram Aljamali, Abdullatif Alquradhi, Amin El-kustaban
- 2014 **“Early Warning System For Sana'a Water Stream (Al-Saila)”**, *Journal of Science and Technology, Vol. 19, No 2*, Amin El-Kustaban, Abdullah Qahtan, Eyas Al-Yousfi, aged Al-Twaiti, Maroof Al-Mhjari
- 2012 **“Formalising of Transactional Memory using Interval Temporal Logic (ITL)”**, in **Proceedings of the Spring World Congress on Engineering and Technology (SCET 2012)**, IEEE, Xi'an, China, Amin El-kustaban, Ben Moszkowski and Antonio Cau
- 2012 **“Specification Analysis of Transactional Memory using ITL and AnaTempura”**, In **Proceedings of The International Multi-Conference of Engineers and Computer Scientists 2012 (IMECS'12)**, pp176-181, Newswood Limited, Hong Kong, Amin El-kustaban, Ben Moszkowski and Antonio Cau
- 2007 **“A CMP with Transactional Memory: Design and Implementation Using FPGA Technology”**, In **Proceeding of the International MultiConference of Engineers and Computer Scientist, IMECS '07**, pages 1680–1685. Newswood Limited, A. El-Kustaban, A. El-Mahdy, and O. Ismail

## Workshop

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- 06/2022 **Review and development of NARS National Standards for Medicine and Surgery Academic program**, *The Council of Accreditation and Quality Assurance (CAQA)*  
Yemen
- 01/2022 **Discussing and approving institutional accreditation standards documents for higher education institutions**,  
*The Council of Accreditation and Quality Assurance (CAQA)*  
Yemen
- 01/2021 **Reviewing and development of the indicators of the absorptive capacity of the academic programs**, *The Council of Accreditation and Quality Assurance (CAQA)*  
Yemen
- 05/2016 **Evaluation and Development of Information Technology Academic Program**,  
*Al NASSER University*  
Sana'a, Yemen
- 07/2010 **The third Cambridge Concurrency Workshop, Cambridge University**  
Cambridge, UK

## Projects

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- 2014 – 2017 **Solar systems training courses**
  - Supervisor on more than 12 solar training courses (for students, organizations such as Global Communities and GIZ, and companies such as Yemen mobile and TechnoGate ...) at Renewable Energy & Electronic Design Center, Faculty of Engineering, University of Science and Technology, Yemen
- 2014 **BETEP World Bank Project in Four Public Yemeni Universities**
  - Installing educational computer labs in 4 Yemeni universities using Thin/Zero Client technology
- 2016 **Solar Energy Systems**
  - Coordinator of the implementation for a solar energy systems for Millennium Development Foundation, Sana'a and Hajjah, Yemen.

2014

**Technology infrastructure for Gulf Cooperation Council Embassy, Sana'a**

- Supervisor of Implementation an Integrated computer network, Digital Telephony Exchange using Cisco Technology,3. Firefighting System and IP Camera Monitoring System.

2014 – present

**Design and evaluation of Academic Programs and Courses**

Trainer and reviewer for most programs in the University of Science and Technology based on standards of the Council of Accreditation and Quality Assurance (CAQA), Ministry of Higher Education and Scientific Research in Yemen. for preparing:

- Academic Program Specification Document (PSD)
- Course Specification
- Self-assessment Study

**Languages**

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**Arabic**

Mother Tongue

**English**

Proficiency