Aws Zuhair Sameen

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Birth date:	28 February, 1989
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Publications

Google Scholar

H-index:	6
Publications	29
Citations:	96
Link:	https://scholar.google.com/citations?user=I1vynaQAAAAJ&hl=en

Scopus

H-index:	4
Publications	22
Citations	51
Link:	https://www.scopus.com/authid/detail.uri?authorId=57192925726

Publons

H-index:	2
Publications	9
Citations	14
Link:	https://www.webofscience.com/wos/author/record/AAE-9749-2019

BIOGRAPHY

Aws Zuhair Sameen received his BSc. in Computer and Software Engineering from the Department of Computer Engineering, Faculty of Engineering, the University of Diyala in 2011. He decides to continue his MSc. in Communication and Computer Engineering in the Department of Electrical, Electronic and Systems Engineering, Faculty of Engineering and Built Environment, Universiti Kebangsaan Malaysia (UKM). He graduated in March 2015. He is continued his PhD. in Electrical Engineering at the Centre of Advanced Electronic and Communication Engineering, Faculty of Engineering and Built Environment, Universiti Kebangsaan Malaysia (UKM). He graduated in May 2019.

His main research area is Biomedical Engineering focusing on BioSignal processing for healthcare technologies. He is routinely using advanced control system techniques for the characterization of the human vascular system investigated with optoelectronic BioSignals.

He is married, and he has three children, two daughters, her names are Reem and Daniah, and one son. His name is Almutasim Billah. He always learned to be under pressure at work. He prefers teamwork and mostly leadership. He had many activities when he was an undergraduate student, some of them being champion of the Faculty of Engineering in Chess, Goalkeeper of the faculty football and department teams, and Member of the editorial board of the faculty magazine for students).

He is giving courses and talks about scientific research and publication. He has an educational YouTube channel for teaching scientific courses and photography in Arabic. He is a professional photographer. His hobbies are photography, travelling, and chess.

ACADEMIC QUALIFICATION

Ph.D. Electrical Engineering, 2015 – 2019, the National University of Malaysia (UKM), Faculty of Engineering and Built Environments, Centre of Advanced Electronic and Communication Engineering.

MSc. Communication and Computer Engineering, 2013 – 2015, the National University of Malaysia (UKM), Faculty of Engineering and Built Environments, Department of Electrical, Electronic and Systems.

B.Eng. Computer and Software Engineering, 2007 – 2011, Diyala University, Faculty of Engineering, Department of Computer and Software Engineering.

REVIEWER, EDITORIAL & COMMITTEE MEMBER

(Position), (Journal or Conference), (Publisher)

Session Coordinator, **1st International Joint Conference for Medical Pure and Applied Science**, Al-Farahidi University and AI al-Bayt University, March 2023.

Committee Member, **International Middle Eastern Simulation and Modeling Conference (MESM 2022),** Al-Farahidi University, June 2022

Reviewer, **The 4th Scientific Conference for Electrical Engineering Techniques Research (EETR 2022),** Middle Technical University, 2022

Reviewer, 2020 – Ongoing, **Healthcare Technology Letters**

Reviewer, 2020 – Ongoing, **Journal of Techniques**, Middle Technical University.

Reviewer, 2019 – Ongoing, **International Journal of Distributed Sensor Networks (IJDSN)**, SAGE Journals.

Reviewer, 2017 – Ongoing, **International Journal of Internet Protocol Technology (IJIPT)**, Inder Science Publishers.

Reviewer, **The 5th Scientific Conference for Engineering and Postgraduate Research (PEC2020)**, Middle Technical University, December 2020.

Reviewer, **The 1st International Conference on Sustainable Engineering and Technology (INTCSET)**, Al-Farahidi University and University of Technology, December 2019.

Reviewer, **4th Postgraduate Engineering Conference (PEC19)**, Middle Technical University, December 2019.

Reviewer, **2nd International Conference on Sustainable Engineering Techniques**, Middle Technical University, March 2019.

MEMBERSHIP

(Type), (ID), (Duration), (Organization), (Level).

Member, 3877, 2022 – Now, Iraqi Society of Engineers, Local.

Member, 7985, 2020 – Now, Iraqi Society for Photographer, Local.

Member, 2061, 2017 – 2018, Photographic Society Petalingjaya (PSPJ), Local.

Vice-Chair, 2017 – 2018, *IEEE UKM Students Branch,* Local.

IEEE Young Professional member, 92802291, 2013 - 2021, *IEEE Signal Processing Society, Biomedical Society, and Computer Society,* International.

Consultant Engineer, 153724, 2011 – Now, Iraqi Engineers Union, Local.

AREA OF EXPERTISE

Scientific research (Critical Thinking, Research Tools, Research Survey, and Academic Writing).

Computer programs (MS Office, Multisim, Proteus, Easy EDA, LabVIEW, and OptiSystem).

Programming languages (MATLAB, C, C++, MikroC, Arduino, and Python).

Photography (Landscape, Cityscape, Astrophotography, and Travel)

Photo editing (Photoshop CC, Lightroom CC, Luminar, and Capture One)

Video editing (Adobe Premiere, Adobe after Effects, and Camtasia Studio).

Information technology & Soft skills (IT and Web Search).

LANGUAGES

Arabic – Mother Language.

English – Excellent Skills in speaking and writing.

German – Ongoing learning in level A1.

WORKING EXPERIENCE

Academic

September 2019 – Ongoing, Lecturer at Al-Farahidi University.

January 2017 – Ongoing, Organizing workshops on scientific research and publication.

September 2013 – 2022, Student consultation, and private courses lecturer.

September 2015 – June 2018, Research Assistant, Universiti Kebangsaan Malaysia (UKM).

Non-Academic

July 2022 - Ongoing, Marketing Manager – Ongoing, Thikrayat for Imaging Services Est., Baghdad – Iraq.

February 2020 – Ongoing, Fujifilm X-Photographer (Fujifilm's Global Ambassadors Program).

February 2019 – February 2020, Representative of Fujifilm Iraq.

July 2018 – 2022, Brand Ambassador of Athabasca camera filters.

June 2017 – Ongoing, Organizing, Leading, and speaking of photography workshops and events.

February 2015 – September 2015, FilsPay Academy.

June 2011 – August 2013, Branch Manager of an Internet service provider in the province of Diyala, Hala Alrafedain (HalaSat).

2007 – 2011, Owner, Private workshop, Computer accommodation, and maintenance.

TEACHING

(Course title), (Academic session), (No. of Students), (No. of Constant Hours), (Organization).

Fundamental of Electrical Engineering, 2022/2023 (1&2), 400, 8 hours per week, Department of Medical Instrumentation Engineering Techniques, College of Medical Instrumentation, Al-Farahidi University.

Microprocessor, 2022/2023 (1&2), 460, 10 hours per week, Department of Medical Instrumentation Engineering Techniques, College of Medical Techniques, Al-Farahidi University.

Medical Electronic System, 2021/2022 (1 & 2), 418, 8 hours per week, *Department of Medical Instrumentation Engineering Techniques, College of Medical Techniques, AL-Farahidi University.*

Control System, 2021/2022 (1&2), 250, 6 hours per week, *Department of Medical Instrumentation Engineering Techniques, College of Medical Techniques, Al-Farahidi University.*

Medical Electronic System, 2020/2021 (1 & 2), 250, 6 hours per week, *Department of Medical Instrumentation Engineering Techniques, College of Medical Techniques, AL-Farahidi University.*

Control System, 2020/2021 (1&2), 186, 6 hours per week, *Department of Medical Instrumentation Engineering Techniques, College of Medical Techniques, Al-Farahidi University.*

Calculus I, 2019/2020 (1 & 2), 415, 10 hours per week, *Department of Medical Instrumentation Engineering Techniques, College of Medical Techniques, AL-Farahidi University.*

Medical Electronic System, 2019/2020 (1 & 2), 186, 6 hours per week, *Department of Medical Instrumentation Engineering Techniques, College of Medical Techniques, AL-Farahidi University.*

Advanced System Design, 2019/2020 (1 & 2). 36, 2 hours per week, *Department of Medical Instrumentation Engineering Techniques, College of Medical Techniques, AL-Farahidi University.*

Computer principles, 2012/2013 (1 & 2), 270, 12 hours per week, *Department of Materials Management, Technical Institute of Baqubah, Middle Technical University.*

Computer principles, 2011/2012 (1 & 2), 293, 12 hours per week, *Department of Materials Management, Technical Institute of Baqubah, Middle Technical University.*

Lab of Digital Electronics, 2011/2012 (1), 32, 6 hours per week, *Department of Electronics, Faculty of Engineering, University of Diyala.*

Lab of Microprocessor (8086), 2011/2012 (2). 33, 6 hours per week, *Department of Electronics, Faculty of Engineering, University of Diyala.*

COURSES & CERTIFICATES

(Title), (Organizer), (Date).

Performance Evaluation Workshop, Department of Quality Assurance and University Performance, Al-Farahidi University, 28th September 2022.

Risk Management System ISO 45001:2018, Department of Quality Assurance and University Performance, Al-Farahidi University, 29th June – 1st July 2022.

National Institutional Accreditation Standards in Support of Strategic Planning, Department of Quality Assurance and University Performance, Al-Farahidi University, 18th – 21st April 2022.

Our Project, *Nabda Society of Medical Engineering*, 12th December 2021.

The Dangers of the Spread of Drugs and Psychotropic Substances, Children Future Organization, 28th November 2021.

Worlds Radiation Day, Department of Radiation and Ultrasound Technologies, Al-Farahidi University, 8th November 2021.

The Academic Role in Strengthen the Military Capabilities, *Engineering Technical College, Al-Farahidi University*, 14th April 2021.

Advanced Research Methodology, *Medical Technical College, Al-Farahidi University*, 6th February 2021.

IEEE Xtreme 13.0 programming competition, *IEEE Head Quarter*, 19th October 2019.

Qualification of Teaching Methods, *Continuous Education Center, Middle Technical University*, 15th – 25th July 2019.

Automatic Innovations and Artificial Intelligence Techniques, *Baqubah Technical Institute, Middle Technical University*, 17th March 2019.

IEEE Day 2017 Ambassador, *IEEE Head Quarter*, December 2017.

IEEE Malaysia Student Congress 2016, *IEEE Malaysia Section, and IEEE A.P.U Student Branch*, 15th October 2016.

International Conference on Communication (ICC 2016), *IEEE headquarter, IEEE Communication Society and UTM*, 23th – 27th May 2016. (Organising Committee as a Volunteer)

Managing Thesis Effectively using MS Word: Gaya UKM Template, *The UKM Graduate Centre*, 22nd March 2016.

Intellectual Discourse for International Students 2016, *The UKM Graduate Centre, JAKIM & Institute Islam Hadhari*, 15th March 2016.

2016 IEEE Malaysia Students Branch Leadership Camp, IEEE Malaysia Section & IEEE UKM Student Branch, 13th March 2016. (Organising Committee)

SPSS for beginners, *UKM graduated centre*, 21st October 2015.

mini-MBA, MUSE Group, 9th – 13th September 2015.

Renaissance Makers in Malaysia, The Scientific Institute for Advanced Training and Studies (SIATIS), FilsPay Academy and Woody Malaysia for Tourism, 1st – 8th August 2015.

Rising of Creative Teachers in Malaysia, FilsPay Academy, 20th June 2015.

High Impact Research Tools, FilsPay Academy, 13th – 14th June 2015.

mini-MBA, FilsPay Academy, 13th – 17th May 2015.

Essential Training of Trainers (ToT), The Scientific Institute for Advanced Training and Studies (SIATIS) and FilsPay Academy, 9th – 10th May 2015.

The 1st International Conference on Management, Training and Human Development (ICMTH), The Scientific Institute for Advanced Training and Studies (SIATIS) and FilsPay Academy, 9th – 10th May 2015. (Organizing Committee)

Building Social-Media Online Identity, FilsPay Academy, 26th April 2015.

Viva Voce Preparation, FilsPay Academy, 5th April 2015.

Microsoft Project Essential Training, FilsPay Academy, 22nd March 2015.

Project Management Professional (PMP), FilsPay Academy, 12th – 15th March 2015.

Smart Project Management for SME, FilsPay Academy, 8th March 2015.

Body Language Essentials, FilsPay Academy, 7th March 2015.

Multilevel Marketing Essentials, FilsPay Academy, 15th February 2015.

Presentation Skills, FilsPay Academy, 7th – 8th February 2015.

The Art and Skills of Managing International Research Journals, The Scientific Institute for Advanced Training and Studies (SIATIS), 3rd February 2015.

Practical System Identification, *IEEE Signal Processing Society*, 2nd October 2014.

2nd Healthcare Technology Innovation workshop, HUKM, 23rd – 24th September 2014.

Advanced Research Methodology, *FilsPay Academy*, 1st – 4th May 2014.

Signal Processing with MATLAB, *IEEE Signal Processing Society*, 11th April 2014.

Working with MATLAB, *IEEE Signal Processing Society*, 10th April 2014.

Publishing Connect workshop, *ELSEVIER,* 20th March 2014.

PRESENTATIONS

(Title), (Event), (Date), (Organizer), (Level)

CAPTURING THE NIGHT SKY, Xposure Photography Festival, 9th – 15th February 2023, Sharjah UAE. (International)

Design and Implementation of a Non-Invasive Blood Flow Measurement Device, International Middle Eastern Simulation and Modelling Conference MEMS2022, 26th – 28th June 2022, Al-Farahidi University. (International)

Astrophotography, Photo In, 12th – 17th March 2022, Iraqi Photographers, (International).

FFME-EI Training in Dubai - FY2021, Dubai (Online), 2nd February 2022, *Fujifilm Middle East*, (International).

FUJIFILM GFX Why? Erbil, 20th October 2019, *Fujifilm Iraq*. (Local).

The Little Giant Fujifilm X-T30, Baghdad, 6th April 2019, *Fujifilm Iraq*. (Local).

Try It by Yourself, Baghdad, 9th March 2019, *Fujifilm Iraq*. (Local).

How to Write a Research Paper, 5th March 2019, *Alfarahidi University*. (Local).

X_Here, Baghdad, 16th February 2019, *Fujifilm Iraq*. (Local).

Enhancing Your Landscape Photography with ND Filters, Kuala Lumpur Photography Festival (KLPF), 26th – 28th October 2018, *PCP Publications*. (International).

How to Capture Awards Winning Photos, Baghdad, 9th August 2018, *The Station*. (Local).

The Technical Science Behind the Cameras, Photo In, 16th – 17th March 2018, *Iraqi Photographers*. (International).

Landscape and Cityscape Photography, Photo In, 16th – 17th March 2018, *Iraqi Photographers*. (International).

Sharing Inspirational Photos and Valuable Message to PSPJ members, Monthly meeting of Photographic Society Petalingjaya (PSPJ), 9th December 2017, *PSPJ*. (Local).

Pulse Transit Time Estimation from Anacrotic Photoplethysmography waveforms, International Conference on Robotics, Automation and Science (ICORAS 2017), 27th – 29th November 2017, Melaka, Malaysia, IEEE Advancing Technology for Human, *IEEE RAS Malaysia Chapter, and Multimedia University*. (International).

Biomedical Engineering Applications, Engineering in Medicine, 4th May 2017, *University College of Science and Technology, Gaza, Palestine*. (International).

Time Delay Estimation between Two BioSignals using System Identification, International Conference on Smart Sensors and Applications (ICSSA 2015), 26th – 28th May 2015, Kuala Lumpur Malaysia, *IEEE Instrumentation & measurement society with Universiti Teknologi Malaysia (UTM) Razak School of Engineering and Advanced Technology*. (International)

Practical System Identification using MATLAB, Hands-on Workshop, 2nd April 2015, *IEEE Malaysia section EMB, Curtin University Sarawak, Malaysia*. (University).

AWARDS

(Place), (Event), (Date), (Organizer)

3rd Place, Waleed Alkhateeb International Photography Award, 11th March 2023, Palestine International Institute, Amman, Jordan.

Certificate of Merit, DJ Memorial Photography Competition, Sunrise and Sunset Category, 30th July 2022, Coimbatore, India.

Silver medal, Eyewin Photography Awards, professional category – Architecture sub-category, 19th – 20th September 2019, India.

1st Place, DJ Memorial Photography Competition, Landscape category, 30th July 2018, India.

Golden medal, Eyewin Photography Awards, professional category – Landscape sub-category, 7th – 8th July 2018, India.

Zeiss Inspirational Photo Competition, Landscape/Cityscape theme, 05th July 2018, Zeiss & Shriro Malaysia – Singapore.

3rd Place, PPAC 2017 Second Half Online Competition, Landscape theme, December 2017, PPAC International Photography Awards, China.

1st Place, Xposure International Photography Festival, Landscape theme, 22nd – 26th November 2017, Sharjah, UAE.

2nd Place, Muslim Bin Aqeel International Photography Award, Al-Safeer Seventh Cultural Festival, 30th June 2017, Masjid Al-Kufa, Najaf, Iraq.

Waleed Alkhateeb International Photography Award, The beauty theme, 6th May 2017, Palestine International Institute, Amman, Jordan.

3rd Place, Award of F3 Capital Life Fest Photo Contest,25th April 2017, F3 Capital Group, Kuala Lumpur, Malaysia.

1st Place, Muslim Bin Aqeel International Photography Award, Al-Safeer Sixth Cultural Festival, 23rd – 24th July 2016, Masjid Al-Kufa, Najaf, Iraq.

GALLERIES AND EXHIBITIONS

(Exhibition), (Organizer), (Date), (Place), (Level)

DJMPC Exhibition, DJ Memorial Photography Contest, 30th July 2022, Coimbatore, India. (International).

PhotoIN Exhibition, Iraqi Photographers, 26th – 27th April 2019, Baghdad International Fairs, Baghdad, Iraq. (International).

An Eye on Asia, Middle Technical University, 17th March 2019, Baqubah Technical Institute, Diyala, Iraq (Local).

DJ Memorial Photography Competition, Landscape category, 30th July – 5th August 2018, Coimbatore, India. (International).

Al-Safeer Eighth Cultural Festival, 20th – 22nd June 2018, Masjid Al-Kufa, Najaf, Iraq. (International).

Islamic Arts Festival (Athar), Union of Arabs Photographers, 30th December 2017, Sharjah, UAE. (International).

Xposure International Photography Festival, Sharjah Government Media Bureau, 22nd – 26th November 2017, Sharjah, UAE. (International).

Al-Safeer Seventh Cultural Festival, 30th June 2017, Masjid Al-Kufa, Najaf, Iraq. (International).

Islamic Civilization Festival, 28th – 29th December 2016, Aden Photographic Club, Aden, Yamen. (International).

Islamic Arts Festival (Bunian), Union of Arabs Photographers, 17th – 22nd December 2016, Sharjah, UAE. (International).

Al-Safeer Sixth Cultural Festival, 23rd – 24th July 2016, Masjid Al-Kufa, Najaf, Iraq. (International).

WORKSHOPS

(Title), (Organizer), (Date), (Place), (Fee)

More than Full Frame, Fujifilm Iraq, 19th March 2023, Black Castle Studio, Free.

Staff Training, Thikrayat for Imaging Services, 3rd July 2022 – Ongoing, Baghdad – Iraq, Free.

Fuji in Studio, Fujifilm Iraq, 10th March 2022, Baghdad- Iraq.

Choman Mountains, Personal, 9th June 2021, Erbil – Kurdistan Iraq, Paid.

Wedding Photography Workshop, Fujifilm Iraq, 14th April 2021, Baghdad – Iraq.

Al-Tar Caves Journey, Fujifilm Iraq, 21st January 2021.

The Secrets of Star Trails Photography, Iraqi Society for Photography, 27th October 2020, online via Zoom.

Choman Landscape Photography Workshop, Personal, 17th October 2020, Erbil – Kurdistan Iraq, Paid.

My Journy with the story of Light, Iraqi Society for Photography, 3rd July 2020, online via Zoom.

Principles of Photography, Fujifilm Iraq, 21st September 2019, Baghdad – Iraq, Free.

Post Processing with Photoshop, Photographic Society of Petaling Jaya (PSPJ), 29th – 30th June 2019, Petalingjaya – Malaysia, Paid.

Post Processing with Photoshop, Photographic Society of Petaling Jaya (PSPJ), 22nd – 23rd June 2019, Petalingjaya – Malaysia, Paid.

Lightroom for Beginners, Horizon Media, and Advertisement, 15th June 2019, Kuala Lumpur – Malaysia, Paid

Landscape Photography Capturing the Beauty, PhotoIN, 26th – 27th April 2019, Baghdad – Iraq, Paid.

Milkyway and Star Trails Post Processing workshop, Fujifilm Iraq, 12th April 2019, Baghdad – Iraq, Paid.

Editing Photos with Photoshop, Fujifilm Iraq, 1st – 2nd March 2019, Baghdad – Iraq, Paid.

Landscape Post Processing Using Photoshop, The Station, 9th – 10th February 2019, Baghdad – Iraq, Paid.

Landscape and Cityscape post-processing, Personal, 5th – 6th January 2019, Kuala Lumpur – Malaysia, Paid.

Landscape and Cityscape post-processing, Personal, 15th – 16th December 2018, Kuala Lumpur – Malaysia, Paid.

Amazing Bali, Personal, 28th August – 2nd September 2018, Bali – Indonesia, Paid.

Landscape and Cityscape post-processing, Personal, 29th – 30th July 2018, Kuala Lumpur – Malaysia, Paid.

Sunrise of Kuala Lumpur, Personal, 8th July 2018, Kuala Lumpur – Malaysia, Free.

Masjid Wilayah - Sunrise photo session, Personal, 23rd June 2018, Kuala Lumpur – Malaysia, Free.

Tuanku Mizan Zainal Abidin Mosque, Personal, 9th June 2018, Putrajaya – Malaysia, Free.

Chasing the Sunrise, Personal, 20th November 2017, Putrajaya – Malaysia, Free.

MATERIALS THAT I CAN TEACH

- Data Communication
- Cryptography and Network Security
- Artificial Intelligence
- Computer Architecture and Organization

- Computer Networks
- Image Processing
- Digital Signal Processing
- Control Systems
- Mathematics (Calculus I, Calculus II and Engineering Analysis)
- Statistics
- Matlab Programming
- C, C++ Programing
- Microprocessor
- Digital System Design
- Digital Electronics
- Embedded Systems
- Electronics
- Medical Electronic Systems
- Fundamentals of Electrical Networks
- Logic
- Communication