

CURRICULUM VITAE

(Years of service at KUIS 2000 – 2022)



KHIRULNIZAM ABD RAHMAN
DEPARTMENT OF COMPUTER SCIENCE
FACULTY OF SCIENCE AND INFORMATION TECHNOLOGY,
KOLEJ UNIVERSITI ISLAM ANTARABANGSA SELANGOR
0129034614
khirulnizam @kuis.edu.my

ACADEMIC QUALIFICATIONS

Master in IT (Computer Science) 2009

Universiti Kebangsaan Malaysia

Research : *Automated Assessment for Basic C Programming Exercises using Pseudocode Comparison Technique.*

Degree in Information Technology (Computer Sciences)(HONS) 1998

Universiti Kebangsaan Malaysia

Universiti Pendidikan Sultan Idris - KISDAR

Certificate in Teaching Professionalism

2003

WORK EXPERIENCE

Jan 2000 - Now

Kolej Universiti Islam Antarabangsa Selangor

Department of Computer Science

Current employer

Lecturer / Trainer / Developer / Researcher

November 1998 – April 1999 **New Technology and Innovations,**
Bukit Damansara

Java Programmer

- Writing Java code for Smart School Application (prototype of Mathematics Computer Aided Learning).
- Involved in GUI programming in developing Health Care System (University Hospital, UM).
- Using Visual Basic as the programming language.

1997 IT Department, ASTRO, Technology Park, Malaysia.

Trainee

- Providing troubleshooting and maintenance services of personal computers and networks.



POSITIONS IN ADMINISTRATION



Position	Year
• Head of Department Computer Science, Faculty of Science and Informaton Technology	April 2021 - now



AWARDS / ACKNOWLEDGEMENTS / APPOINTMENTS (NATIONAL & INTERNATIONAL LEVEL AND KUIS)

- Anugerah Khidmat Cemerlang,
Kolej Universiti Islam Antarabangsa Selangor (KUIS) 2015
- Anugerah Khidmat Setia,
Kolej Universiti Islam Antarabangsa Selangor (KUIS) 2010
- Anugerah Khidmat Cemerlang,
Kolej Universiti Islam Antarabangsa Selangor (KUIS) 2008

EXPERTISE AND CONSULTATION

INTERNATIONAL LEVEL (3)

No	Committee Name	Year	Position
1	3 rd International Conference on Artificial Intelligence and Computer Science (AICS), WorldConferences.net	2015	Assisstant Director
2	2 nd International Conference on Artificial Intelligence and Computer Science (AICS), WorldConferences.net	2014	Assisstant Director
3	1 st International Conference on Artificial Intelligence and Computer Science (AICS), WorldConferences.net	2013	Assisstant Director

Professional Services

1. Subject Matter Expert for **Mobile Computing for Multimedia**, Faculty of Information Technology & Multimedia Communication, Open University of Malaysia, 2012.
2. Training on **Web Development using PHP** for Information System Officers/Assistant Officers in IMATEC, (National Institute of Public Administration), Bukit Kiara, Kuala Lumpur. –Trainer –Februari 2008

3. Training on **Web Development using PHP** for Information System Officers/Assistant Officers in IMATEC, (National Institute of Public Administration), Bukit Kiara, Kuala Lumpur. -Trainer (April 2007)
4. Training on **PHP and MySQL** for IT lecturers in KUIS(Selangor International Islamic College University), Bangi. –Trainer – April 2007
5. Training on **Web Development (using PHP, Apache and MySQL)** for INFRA (Institute for Rural Advancement), Bangi. – Trainer – Januari 2007
6. Training on **Database Management System using MySQL (Implementation using PHP and MySQL)** for Information System Officers/ Assistant Officers at IMATEC, INTAN (National Institute of Public Administration), Bukit Kiara, Kuala Lumpur . –Trainer – November 2006
7. Training on **Web Application Development using PHP and MySQL** for Information System Officers/Assistant Officers at IT Department, Ministry of Rural Development and Federal Territory, Putrajaya. –Trainer and consultant – Ogos 2006
8. Training on **Database Management System using MySQL** for Malaysian Government Information System Officers at IMATEC, INTAN (National Institute of Public Administration), Bukit Kiara, Kuala Lumpur . –Trainer – September 2005
9. Training on **ASP** for IT Department, MLVK, Ministry of Human Resource, Putrajaya. – Trainer – April 2005
10. Training on **PC Maintenance** for MID (Medan Info Desa) Officers from around Malaysia . Invitation by INFRA, venue NIOSH, Bangi, Selangor. –Instructor – Februari 2005

NATIONAL LEVEL (16)

No	Committee Name	Period	Status	Status
----	----------------	--------	--------	--------

1	Kursus Microsoft Excel Permulaan dan Pertengahan untuk kakitangan Kementerian Kesihatan Malaysia	2021	Trainer
2	Kursus Pembangunan Web menggunakan HTML5, Bootstrap dan PHP untuk kakitangan Jabatan Kerjaraya (JKR) Malaysia	2019	Trainer
3	Kursus Microsoft Office Lanjutan untuk kakitangan Kementerian Hal Ehwal Ekonomi, Malaysia	2019	Trainer
4	Kursus Microsoft Office Lanjutan untuk kakitangan Suruhanjaya Perkhidmatan Air Negara (SPAN), Malaysia	2019	Trainer
5	Kursus Microsoft Office Lanjutan untuk kakitangan Kementerian Wilayah, Malaysia	2019	Trainer

KUIS (3)

No.	Position	Agencies
1.	ICITS 2020 Committee	KUIS
2.	ICITS 2017 Committee	KUIS

JOURNAL/MONOGRAPH/GUIDELINES AND POLICIES EDITORS (6)

1. Editorial Committee for Journal of Information Retrieval and Knowledge Management, PECAMP. Volume I (2011), Volume 2 (2012) and Volume III (2013).(International Journal)
2. Editor-in-Chief for Malaysian Journal of ICT (Volume I). Published by International Islamic University College of Selangor. (National Level)
3. Editorial Committee for GSE Journal of Education. Volume I (2013). (International Journal)
4. Member of Standing Committee Meeting for Science, Technology & Innovation, State Government of Selangor, Malaysia (2008). (State Level)
5. Head of Proceedings Committee, Regional Conference on Knowledge Integration in ICT, June 2010, Putrajaya, Malaysia. (National Level)

6. Head of Multimedia Committee, 7th World Conference on Muslim Education, Dec 2009, Shah Alam, Malaysia. (International Level)
7. Paper reviewer for International Conference on Information management and Engineering (ICIME 2009), Organized by the International Association of Computer Science and Information Technology, April 3-5, 2009, Kuala Lumpur, Malaysia. (International Level)
(<http://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=05076985>).
8. Paper reviewer for 2nd IEEE International Conference on the Applications of Digital Information and Web Technologies (ICADIWT 2009), Sponsored by IEEE, London Metropolitan University , located in London, on August 4 - 6, 2009. (International Level)
9. Paper reviewer for First IEEE International Conference on the Applications of Digital Information and Web Technologies (ICADIWT 2008), Sponsored by IEEE, VSB- Technical University of Ostrava, Czech Republic on August 4 - 6, 2008. (International Level)

No.	Position	Name of Journal/Monograph/Guideline
1	Cheif Editor	Malaysian Journal of ICT (MyJICT) 2018
2	Editor	Malaysian Journal of ICT (MyJICT) 2014 – 2019
3	Editor	Journal Artificial Intelligence and Computer Science (JAICS) 2013
4	Editor	Proceeding of 3rd International Conference on Artificial Intelligence and Computer Science (2015). Penang. Malaysia. e-ISBN 978-967-0792-06-4
5	Editor	Proceeding of 2nd International Conference on Artificial Intelligence and Computer Science (2014). Bandung. Indonesia. e-ISBN 978-967-11768-8-7
6	Editor	Proceeding of 1st International Conference on Artificial Intelligence and Computer Science (2013). Langkawi. Malaysia. e-ISBN 978-967-11768-3-2

ARTICLE OR JOURNAL CONSULTANTS/ REVIEWERS (2)

No.	Positon	Name of Journal/Task
1	Reviewer	International Academic Conference 2013 (IAC), Kuala Terengganu, Malaysia,

2 Reviewer 18th FIRA RoboWorld Congress 2013, Kuala Lumpur, Malaysia

PROFESSIONAL BODIES MEMBERSHIP

No.	Committee Name	Period	Status
1	Persatuan Teknologi Pendidikan Malaysia (PTPM)	2008 - now	Member
2	Persatuan Capaian Maklumat dan Pengurusan Pengetahuan Malaysia (PECAMP)	2010 - now	Member
3	Persatuan Kakitangan Akademik Kolej Universiti Islam Antarabangsa Selangor (PKAKUIS)	2017 - now	Member

TEACHING AND SUPERVISION

TEACHING COURSES (22)

1. Mobile Programming
2. Web Programming
3. Database System
4. Advanced Web Development Framework

PENYELIDIKAN (7)

Senarai Aktiviti Penyelidikan		
1	Ketua Penyelidik	2
2	Penyelidik bersama	4
3	Penyelidikan Phd	0
4	Penyelidikan Sarjana	1
Jumlah		7

Penyelidikan/Penyelidikan Bersama Yang Telah/Sedang Dijalankan

Ketua Penyelidik (2)

Bil.	Tajuk Penyelidikan	Tahun/Tempoh	Sumber Kewangan
	JUMLAH		

Ahli Dalam Kumpulan Penyelidikan (4)

Bil.	Tajuk Penyelidikan	Tahun /Tempoh	Sumber Kewangan
1	SmartMajid System - Ionic mobile apps with Laravel backend..– Geran KUIS, RM 7,500 Geran Penyelidikan Inovasi KUIS(GPIK)	2019 hingga 2020/Setahun	RM 7 500
2	Exploring Emotional Explosion of Adolescents in Selangor to Develop Qur’anic Emotional Explosion (QEQ) Model And Instrument. Geran Penyelidikan dan Pembangunan Sains, Teknologi dan Inovasi Selangor (GPPSTI)	2017 hingga 2019 / 2 tahun	RM 38 000
3	Teknologi Maklumat dalam Kehidupan Insan Geran KUIS dan IIIT	2018 hingga 2020 / 2 tahun	RM 10 000
4	Konsep Sistem Pengurusan Wakaf berkonsepkan ‘Crowdfund’ untuk Projek Berinovasi di Malaysia. Waqf KUIS System - using Laravel as backend Geran Penyelidikan Inovasi KUIS(GPIK)	2017 hingga 2018/Setahun	RM 7 500
5	Aplikasi Fiqh Solat OKU Menggunakan Pendekatan Augmented Reality (AR) using Unity3D – Geran GPPSTI, SUK Geran Penyelidikan dan	2017 hingga 2019 / 2 tahun	RM 40 000

	Pembangunan Sains, Teknologi dan Inovasi Selangor (GPPSTI)		
6	Faktor-faktor Kelemahan Pelajar Pengaturcaraan di Peringkat Pengajian Tinggi Geran Penyelidikan Inovasi KUIS(GPIK)	2016	RM 7 500

PENULISAN DAN PENERBITAN (53)

Senarai Penerbitan		
Bil	Perkara	Bilangan
1.	Penulis Buku	2
2.	Laporan Kajian/Monograf	8
3.	Bab dalam Buku	3
4.	Jurnal Penulis Utama	3
5.	Jurnal Penulis bersama	10
6.	Proceeding	27
Total		53

BOOKS / PUBLICATIONS

1. Khirulnizam Abd Rahman, Hafiz Hanafi, Che Wan Shamsul, Web Application Development with MySQL Database. ISBN 978-967-850-86-3 (KUIS 2017)
2. Sanjay Shah and Khirulnizam Abd Rahman, 2013. **ANDROID Development Tools for Eclipse**. Packt Publishing. ISBN: 9781782161103
<http://www.packtpub.com/android-development-tools-for-eclipse/book>
3. Editorial Committee for Journal of Information Retrieval and Knowledge Management, PECAMP. Volume I (2011), Volume 2 (2012) and Volume III (2013).(e-ISSN:) <http://jirkm.pecamp.org>
4. Malaysian Journal of ICT, 2009. Khirulnizam Abd Rahman et. al.. Published by Kolej Universiti Islam Antarabangsa Selangor. ISSN: 2180-0731.
5. GSE Journal of Education. Volume I (2013). (ISSN:) <http://WorldConferences.net>
6. Proceedings of Regional Conference on Knowledge Integration in ICT, 2010. Khirulnizam Abd Rahman, et. al.. Published by Kolej Universiti Islam Antarabangsa Selangor. ISBN: 978-983-3048-37-3.

MODULES

7. Module Moderator for Mobile Computing for Multimedia, Open University Malaysia, 2011.
8. Modules – Panduan Joomla! 1.7 – (Published online) Available at <http://blog.kerul.net/p/panduan-joomla-melayu.html>.

ACADEMIC PROCEEDINGS/PUBLICATION

1. Mohd Azrul Sulaiman, Khirulnizam Abd Rahman & Shahrul Ridzuan Arshad, 2014. ***Aplikasi Pengesanan Automatik Peribahasa Melayu: Penterjemah Peribahasa Mobile***. Proceeding of the 2nd Global Summit on Education, 4-5 Mac 2014. Kuala Lumpur, Malaysia.
2. Khirulnizam Abd Rahman and Norita Md Norwawi, 2013. ***The Challenges Of Handling Proverbs In Malay-English Machine Translation***. International Conference on Translation 2013. Universiti Sains Malaysia, Penang.
3. Khirulnizam Abd Rahman and Norita Md Norwawi, 2013. ***Proverb Treatment in Malay-English Machine Translation***. International Conference on Machine Learning and Computer Science (IMLCS'2013). Kuala Lumpur.
4. Syarbaini Ahmad, Khirulnizam Abd Rahman, Azrul Sulaiman, Norasiah Mohammad, 2013. ***Object-Oriented Code Representation Using Dfg For Maintenance Purpose***. Proceeding of the International Conference on Artificial Intelligence and Computer Science, 25 & 26 November 2013. Langkawi, MALAYSIA. e-ISBN: 978-967-11768-3-2, pp. 5-10.
5. Abdul Halim Othman, Khirulnizam Abd Rahman, C.W. Shamsul Bahri C.W. Ahmad and Abdurrahman Jalil, 2013. ***Arabic- Malay Bilingual Dictionary Based On Wordnet***. Proceeding of the Global Summit on Education (GSE2013), 10-11 March 2013. pp 454-458, eISBN: 978-967-11768-0-1. Kuala Lumpur, MALAYSIA.
6. Khirulnizam Abd Rahman and Norita Md Norwawi, 2012. ***Malay Proverb Detection; Implementation on Mobile Environment***. Mobile Computing, Applications and Services, September 2012, Universiti Teknikal Melaka, Malaysia.
7. Che Wan Shamsul Bahri Che Wan Ahmad, Khirulnizam Abd Rahman, Khairuddin Omar (2011), ***Keperluan Penyemak Ejaan Bahasa Melayu bagi Tulisan Jawi***, 5th International Malaysian Educational Technology Convention (IMETC2011). 16-19 Okt 2011, Kuantan, Malaysia.
8. Khirulnizam Abd Rahman, Siti Azrehan Aziz, Syuria Amirrudin, Juzlinda Mohd Ghazali, C. W. Shamsul Bahri C. W. Ahmad & Mohamad Haron Husain, (2010). ***The Design And Implementation of the Malay-Arabic Online Multimedia Dictionary On Smart Phones***. Proceedings of Regional Conference of Knowledge Integration in ICT, June 2010. ISBN 978-983-3048-37-3. pp. 179.
9. Khirulnizam Abd Rahman, Syahrul Nizam Junaini, 2009. ***Student Experience Using Blog as a Learning Tool***. Proceedings of the 7th World Conference on Muslim Education (WORLD-COME 2009), Dec 2009.

10. Khirulnizam Abd Rahman, Juzlinda Mohd Ghazali, Syuria Amiruddin, Che Wan Shamsul Bahri CW Ahmad, (2009). ***The Design of The Online Malay-Arabic Multimedia Dictionary***. Proceedings of the 7th World Conference on Muslim Education (WORLD-COME2009), Dec 2009.
11. Syahrul Nizam Junaini, Azelina Luk Tzcr Hwey, Jonathan Sidi and Khirulnizam Abd Rahman, 2009. ***Development of Sarawak Malay Local Dialect Online Translation Tool***. Proceedings of International Conference on Computer Technology and Development. Kota Kinabalu, Malaysia. Nov 2009.
12. Khirulnizam Abd Rahman, Syahrul Nizam Junaini, ***Initial Experiment in Using Blog as a Learning-Aid***, International Conference on Educational Research and Practice (ICERP) 2009, pp.528-532, 27-34 June 2009.
13. Che Wan Shamsul Bahri CW Ahmad, Khirulnizam Abd Rahman, 2009. ***Blended Learning in Networking Subjects***. Proceedings of the 3rd International Malaysian Educational Technology Convention 2009. Penang, Malaysia. October 2009.
14. Syuria Amiruddin, Che Wan Shamsul Bahri CW Ahmad, Juzlinda Mohd Ghazali, Khirulnizam Abd Rahman, 2009. ***A Comparative Study on the Features of Free Online English-Arabic Dictionaries***. Proceedings of the 3rd International Malaysian Educational Technology Convention 2009. Penang, Malaysia. October 2009.
15. Che Wan Shamsul Bahri CW Ahmad, Khirulnizam Abd Rahman, 2009. ***Penerapan unsur-unsur Kemahiran Insaniah di Fakulti Teknologi dan Sains Informasi, KUIS***. Prosiding Seminar Kebangsaan Kemahiran Insaniah dan Kerja Sosial, Malaysian Technical University (UTEM, Melaka).
16. Khirulnizam Abd Rahman et. al, 2008. ***Automated Programming Assessment using Pseudocode Comparison Technique: Does It Work?*** . Proceeding presented in the IEEE International Information Technology Symposium 2008, organized by National University of Malaysia.
17. Che Wan Shamsul Bahri Che Wan Ahmad, Khirulnizam Abd Rahman & Noor Azli Mohamed Masrop (2008), ***Kajian Keperluan Perisian Pembelajaran Berbantuan Komputer Jawi dalam Pendidikan*** , Wacana Pendidikan Islam Siri 6, UKM, Sarawak, Malaysia.
18. Noor Azli Mohamed Masrop, Nor Azan Mat Zin, Khirulnizam Abd Rahman, (2008), ***Pendidikan Keusahawanan Berasaskan Permainan dan Simulasi Komputer***, International Conference on Entrepreneurship 2008 (ICE 2008), 27-28 May 2008, Langkawi, Malaysia.
19. Khirulnizam A. Rahman, and Syuria Amiruddin, Che Wan Shamsul Bahri Che Wan Ahmad, Wan Harun Hussaini, and Siti Zaharah Mohid, (2008) ***Solving the Arabic UTF-8 Characters Transaction Issues in an Online Malay-Arabic Dictionary***. Proceeding presented in National Conference on Information Retrieval and Knowledge Management (CAMP08), 18 March 2008, Kuala Lumpur, Malaysia.
20. Khirulnizam A. Rahman, and Md. Jan Nordin, (2007) ***A Review on the Static Analysis Approach in the Automated Programming Assessment Systems***. Proceeding presented at National Conference on Programming 07, 5 December 2007, Kuala Lumpur, Malaysia.
21. Khirulnizam A. Rahman, and Syarbaini Ahmad, and Md. Jan Nordin, (2007) ***The Design of an Automated C Programming Assessment Using Pseudocode***

Comparison Technique. In: National Conference on Software Engineering and Computer Systems 2007, 20 May 2007, Kuantan, Pahang, Malaysia.

22. Khirulnizam Abd Rahman et.a al., 2007. **Development of an Automated Assessment for C Programming Exercises using Pseudocodes Comparison Technique** , Proceedings of Conference on IT Research & Application 2007, University of Tun Abdul Razak (Unitar), Malaysia.