

..... SUBJECT TEACHING

Subjects	Year
TK2323 Mobile Programming	2015 - Current
TTTH 3813 Virtual Reality	2016

..... EXPERIENCES AS A TRAINER

Topics	Year
Lego NXT Mindstorm	2014 - Current
Android Application Development Training	2014 - Current
Augmented Reality	2016- Current

..... CONSULTATION

Consultation	Year
VR Subject Consultant (Unity 3D Demonstrator)	January 2012

..... SPEAKER

Title	Year
Pembangunan Sistem Menggunakan Teknologi Android:	UKM 2015
Pembentang Bengkel Nano Inovasi Pengajaran & Pembelajaran (KNovasi Pengajaran & Pembelajaran UKM)	UKM 2015

..... SOCIAL SERVICE

Title	Year
Facilitators of "Minggu Mesra Mahasiswa" 2015/2016	2015
ExxonMobil-UKM STEM Exploration Journey Camp on Sustainable Energy	2015
Exhibitor, 26th International Invention & Innovation Exhibition 2015 (ITEX 2015) 21 - 23 May 2015 in (KLCC).	2015

..... EXPERIENCES IN INTERNSHIP PROJECTS

Internship Projects	Language/Tool of Implementation
Temperature Controller Communication Software	VB.NET
GOT Sizing System (Product Searching System)	VB.NET Database: Microsoft SQL Server 2005
FX Training Kit (PLC Training Kit)	Ladder Programming, GOT Screen Design

Multimodal Interface in Augmented Reality (HIT Lab, NZ) C#, Unity, Visual studio

CERTIFICATIONS

	Certificates	Year
iOS Mobile Application Development (Swift)		2015
Adobe Flex 4.6		2012
Microsoft Certified Professional Developer:ASP.NET Developer 3.5		2010
Microsoft Certified Technology Specialist: .Net Framework 3.5, ASP.NET Applications		2010

AWARDS

	Awards	Year
Shell Idea 360 – Second Stage		2017
Gold Paper Award – ICAST 2017		2017
“A Usability Evaluation of an Interactive Application for Halal Products Using Optical Character Recognition and Augmented Reality Technologies”		
Nasa Space App Challenge - First Prize Winner		2016
Pecipta – CineMAR – Silver Award		2015
Universiti Kebangsaan Malaysia Mobility Award		2014
IEEE Gold Malaysia Best Paper Award – IVIC 2011		2011
“A Real-Time Vision-Based Framework for Human-Robot Interaction”		
Bachelor of Information Technology with Honor(Industrial Computing)[Distinction]		2010

PARTICIPATION IN SEMINAR/CONFERENCE

Title	Year
International Conference on Applied Science and Technology	2017
Virtual Robot Training Kit	2017
The 3rd International Multi-Conference on Artificial Intelligence Technology (M-CAIT 2016)	2016
UNITY ROADSHOW- Doubletree By Hilton Hotel Kuala Lumpur, 348 Jalan Tun Razak, Kuala Lumpur, Federal Territory Of Kuala Lumpur	2016
The 5th International Conference On Electrical Engineering And Informatics 2015 (ICEEI 2015)	2015

PRODUCT/IP

Title	Document ID	Year
CineMAR	UKM IKB/108/2/1015	19/03/2015

MyXScan Android	UKM IKB/108/2/1169	30/12/2015
VAR Space Onboard	UKM IKB/108/2/1341	30/12/2016
IMBAS	UKM IKB/108/2/1280	In Process

FUNDING

INOVASI-2017-007	Co- Researcher	01/06/2017 28/02/2018 -	RM 94,800.00	Active
MyXScan iOS: A Cloud Based Image Target Recognition SDK for iOS Platform				
Dana Penyelidikan Strategik (KRA)	Co- Researcher	01/06/2017 - 31/12/2017	RM 130,000.00	Active
Kajian Smart Mamak				
TD-2016-003	Sub Project Leader	01/05/2016 - 31/10/2017	RM 179,000.00	Active
UKM MOBILE APP				
Geran Galakan Penyelidik Muda	Head of the project	01/06/2015 - 30/11/2017	RM 20,000.00	Active
A Mobile based Augmented Reality Visual Guidance Assembly Training System				
Geran Universiti Penyelidikan	Co- Researcher	01/06/2015 - 31/05/2017	RM 40,000.00	Active
Kajian tindakan bagi meningkatkan keupayaan guru pra-sekolah dalam pengajaran Bahasa Inggeris menggunakan kaedah multimodal berasaskan teknologi mudah alih realiti luasan				
Skim Geran Penyelidikan Pembangunan Prototaip (PRGS)	Co- Researcher	01/07/2015 - 30/09/2016	RM 106,000.00	Complete
CineMAR: Mobile Augmented Reality Based Advertising for Cinemas				
ICONIC-2013-008	Co- Researcher	01/02/2014 - 31/07/2016	RM 350,000.00	Complete
Development of Mobile Sensing Technology for Medical Application				
Deman-Driven Innovation Project By Public-Private Research Network (PPRN)	Co- Researcher	15/03/2015 - 15/11/2015	RM 30,000.00	Complete
An Efficient Cloud Based Image Target Recognition SDK for Mobile Applications				
Projek Arus Perdana	Co- Researcher	01/11/2013 - 30/04/2017	RM 360,000.00	Complete

Mobile Sensing Technology for Augmented Reality and Medical Application

Postgraduate Students

Bao xin gang P74176	Development and Evaluation of Interactive Books App as a Speech Therapy Tool for Children With Special Needs	Sem2 2013/2014	Master (Mixed Mode)	Graduated
Mohamed jafar sadik P74177	A Mobile based Augmented Reality Visual Guidance Assembly Training System	Sem2 2013/2014	Master (Mixed Mode)	Active
Ng yin ming P83910		Sem 1 2015/2016	PhD (Full Research)	Active
Kim Say Chun P84217	Design Guideline Collaborative Augmented Reality System	Sem 2 2015/2016	Master (Full Research)	Active
Adawiyah Md Ashar P86683	Snake Bite Diagnosis Mobile Application	Sem 1 2016/2017	Master (Mixed Mode)	Active
Rasyida Binti Zainun P87565	Reka Bentuk Strategi Pelan Pelaksanaan Pengujian bagi Menguji Keselamatan Aplikasi Mudah Alih Android	Sem 1 2016/2017	Master (Mixed Mode)	Active
Siti Soleha Binti Muhammad Nizam P90495	Collaborative in Augmented Reality	Sem 2 2016/2017	Master (Mixed Mode)	Active

JOURNAL/CHAPTER IN BOOK

Publication	Status
Lam Meng Chun , Haslina Arshad and Anton Satria Prabuwono. Interaction Technique in Desktop Virtual Reality: The Study of Visual Feedback and Precise Manipulation Method.	2017 Submitted to Journal of Multimedia Tools and Application (ISI-Q2)
Mohamad Jafar Sadik and Lam Meng Chun . 2017. Stereoscopic Vision Mobile Augmented Reality System Architecture in Assembly Tasks. Journal of Engineering and Applied Sciences 12(8): 2098-2105.	2017 Journal
Haslina Arshad, Lam Meng Chun , Waqas Khalid Obeidy, Tan Siok Yee. 2017. An Efficient Cloud based Image Target Recognition SDK for Mobile Applications. <i>International Journal on Advanced Science, Engineering and Information Technology</i> , 7(2): 496-502.	2017 Journal
Bao Xin Gang Suhaila Zainudin Hasherah Mohd Ibrahim Lam Meng Chun . 2017. A Bahasa Malaysia Interactive Book App As A Speech Language Therapy Tool For Children With Language Delay. <i>Asia-Pacific Journal of Information Technology and Multimedia</i> , 6(1):23-37.	2017 Journal
A. Hydayat, H. Arshad, N. M. Ali and L. M. Chun . 2016. Teknik Interaksi Unimanual Push and Pull Menggunakan Data Glove, Jurnal Teknologi 78(12-3): 197-202.	2016 Journal
Siti Soleha Binti Muhammad Nizam and Lam Meng Chun . Aplikasi Mudah Alih Semakan Halal Melalui Pengimbasan Kod E Menggunakan Teknologi Pengecaman Aksara Optik.	2016 Submitted Buku Penyelidikan
Nik Nur Nabila Farhana binti Muhamad Zahir and Lam Meng Chun . Aplikasi Augmentasi Realiti Mudah Alih Navigasi Dalam Bangunan FTSM	2016 Submitted

Arshad, H., Chowdhury, S. A., Chun, L. M. , Parhizkar, B. & Obeidy, W. K. 2016. A Freeze Object Interaction Technique For Handheld Augmented Reality System. <i>Multimedia Tools and Applications</i> 75(10), 5819-5839.	Buku Penyelidikan 2016 Journal of Multimedia Tools and Application (ISI-Q2)
Haslina Arshad, Lam Meng Chun and Intan Syaheera Ramli, 2014. Glove-based Interaction in Virtual Surgical Training System. <i>Research Journal of Applied Sciences, Engineering and Technology</i> , 7(2): 316-322.	2014 Journal
Haslina Arshad, Khor Ching Yir and Lam Meng Chun . 2012. Virtual Robot Kinematic Learning System: A New Teaching Approach. <i>Journal of Convergence Information Technology</i> , 7(14): 54-64.	2012 Journal
Lam, M. C. , A. Prabuwo, H. Arshad and C. Chan, 2011. "A Real-Time Vision-Based Framework for Human-Robot Interaction", in H. Badioze Zaman, P. Robinson, M. Petrou, P. Olivier, T. Shih, S. Velastin and I. Nyström, eds., <i>Visual Informatics: Sustaining Research and Innovations</i> , Springer Berlin Heidelberg, pp. 257-267.	2011 Chapter in Book

..... CONFERENCE/PROCEEDING

Publication	Status
Lam Meng Chun , Siti Soleha Muhammad Nizam, Haslina Arshad, Saidatul A'isyah Ahmad Shukri, Nurhazarifah Che Hashim, Haekal Putra Mozzia. 2017. A Usability Evaluation of an Interactive Application for Halal Products Using Optical Character Recognition and Augmented Reality Technologies. <i>International Conference on Applied Science and Technology (ICAST 2017)</i> . 3-5 April 2017. ADYA Hotel, Langkawi, Kedah, Malaysia.	2017 Conference
Haslina Arshad, Lam Meng Chun , Waqas Khalid Obeidy, Tan Siok Yee. An Efficient Cloud based Image Target Recognition SDK for Mobile Applications. <i>3rd International Multi-Conference on Artificial Intelligence Technology</i> . 23-24 August 2016. Hatten Hotel Malacca.	2016 Conference
L. M. Chun , Arshad, H., Piumsomboon, T., Billingham, M. 2015. A combination of static and stroke gesture with speech for multimodal interaction in a virtual environment. <i>International Conference on Electrical Engineering and Informatics</i> . Pp. 63-68. The Jayakarta Hotel Bali Legian-Bali, Indonesia	2015 Proceedings
A. Hydayat, H. Arshad, N. M. Ali and L. M. Chun . 2014. Teknik Interaksi Unimanual Push and Pull Menggunakan Data Glove, <i>International Conference on Interactive Digital Media</i> , Sabah.	2014 Conference
W. K. Obeidy, L. M. Chun , H. Arshad and M. Z. A. Nazri, 2014. CINE-MAR Mobile Augmented Reality Based Advertising Application for Cinemas, <i>International Conference on Interactive Digital Media</i> , The Pacific Sutera Harbour Hotel, Sabah, Malaysia.	2014 Conference
Arshad, H., Lam, M. C. & Ramli, I. S. 2012. Virtual Knee Replacement Surgery Training System with Glove-Based User Interaction. <i>International Conference on Interactive Digital Media</i> . Anjuran Bayview Hotel, Langkawi, Malaysia, 3-4 December 2012.	2012 Conference
Lam Meng Chun , Anton Satria Prabuwo, Haslina Arshad, and Chee Seng Chan. "A Real-Time Vision-Based Framework for Human-Robot Interaction." In <i>Proceedings of the Second international conference on Visual informatics: sustaining research and innovations - Volume Part I</i> , 257-67. Bangi Golf Resort, Selangor, Malaysia: Springer-Verlag, 2011.	2011 Proceedings (IEEE Golden Paper Award)

Technical Report/Others

Publication	Status
Siti Soleha Binti Muhammad Nizam and Lam Meng Chun . Aplikasi Mudah Alih Pengimbasan Kod E (E-Code) Menggunakan Teknologi Pengecaman Aksara Optik (OCR). CAIT-IC-2016-4	2016 Technical Report
Lam Meng Chun and Kim Say Chun. 2016. Aplikasi Augmentasi Realiti Android Untuk Visualisasi Informasi Fakulti Dengan Api Web (FACinfo). CAIT-IC-2016-1	2016 Technical Report
Lam Meng Chun and Nor Alwani binti Abdul Ghani. 2015. Pemaparan Maklumat Tempat Penginapan Dengan Menggunakan Teknologi Augmentasi Realiti Dalam Telefon Pintar. CAIT-IC-2015-3.	2015 Technical Report
Lam Meng Chun and Nik Nur Nabila Farhana binti Muhamad Zahir. 2015. Aplikasi Mudah Alih Navigasi Dalam Bangunan Berkonsepkan Teknologi Augmentasi Realiti. CAIT-IC-2015-4	2015 Technical Report

UNDERGRADUATE STUDENT PROJECT

Nik Nur Nabila Farhana Binti Muhamad Zahir A142161	Aplikasi mudah alih navigasi dalam bangunan Berkonsepkan teknologi augmentasi realiti	2015 UKM
Nor Alwani Binti Abdul Ghani A141356	Pemaparan Maklumat Tempat Penginapan Dengan Menggunakan Teknologi Augmentasi Realiti Dalam Telefon Pintar	2015 UKM
Kim Say Chun A142092	Aplikasi Augmentasi Realiti Android Untuk Visualisasi Informasifakulti Dengan Api Web (Facinfo)	2015 UKM
Siti Soleha Binti Muhammad Nizam A146321	Aplikasi Mudah Alih Pengimbasan Kod E (E-Code) Menggunakan Teknologi Pengecaman Aksara Optik (OCR)	2015- 2016 UKM
Ahmad fahmi bin ab. Aziz A146679	Aplikasi Mudah Alih Navigasi Dalam Bangunan Berkonsepkan Teknologi Augmentasi Realiti	2015- 2016 UKM
Mohammed Fitri Bin Fu`Ad A146307	Visualisasi Tubuh Manusia Untuk Tujuan Pendidikan Menggunakan Oculus Rift.	2015- 2016 UKM
Zhang Wen Hua	Mobile Class Table Application System	2016- 2017 UKM
Muhammad haziq b. Mohd zainudin A12717	Aplikasi Mudah Alih Penentu Kedudukan Dalam Bangunan	2016- 2017 UKM
Aimi zahirah binti abd halim A150483	Interaktif Galeri Berasaskan Augmentasi Realiti Mudah Alih	2016- 2017 UKM
Fahim bin ahmad zaki A151791	Aplikasi Sistem Pencadang dalam Sektor Pelancongan	2016- 2017 UKM
Lee jun yang A151821	Aplikasi Mudah Alih Pengurusan Katil Dan Penjejakan Pesakit	2016- 2017 UKM
Cheah Tzeng Kitt A151860	Augmentasi Realiti Dalam Pengalaman Membeli- Belah	2016- 2017 UKM

..... UNDERGRADUATE PROJECT EXAMINER

Nurul Syaheda Binti Mohd Farid A142106	Pembangunan Permainan Alam Sekitar Yang Mengajar Kanak-Kanak Tentang Bumi, Ekologi & Pemuliharaan Berasaskan Android	2015 UKM
Mohammad Farhan Bin Mohammad Johari A141793	Aplikasi Android Belajar ABC dengan AR	2015 UKM
Siti Islami Binti Mohd Hizam A142125	Aplikasi Android Belajar ABC Menggunakan Augmentasi Realiti (implimentasi suara)	2015 UKM
Afdal Diyaudin Bin Amiruddin A140119	Aplikasi Perkomputeran Awan Mudah Alih e-Tesis	2015 UKM
Nur Izzafatiha Binti Mohd Nadzari A142137	Aplikasi Mudah Alih Penilaian Diagnostik & Penyaringan bahasa Melayu Prasekolah	2015 UKM
Ivan Sio Khen Liong A146125	Mobile Augmented ID	2015 UKM
Chin Yeong Shern A146292	Real-Time UKM Campus Bus Location Tracker	2015 UKM
SAKINAH BINTI HAMZAH A146311	Aplikasi pengurusan bekalan daging lembu (Android)	2015 UKM

..... POSTGRADUATE EXAMINER

Mohammad Omar PhD Moh'd Salameh P68462	Appearance-Based Loop Closure Detection For Visual-Only SLAM	2015 UKM
Bao Xin Gang P74176	Master Development and Evaluation of Interactive Books App As a Speech Therapy Toll For Children Special Needs	2015 UKM
Ardi Nugraha P63360	Master Realiti Perluasan Untuk Pemaparan Hijab Secara Maya	2015 UKM

..... Internship Students

Name	Intern Location	Topic	Year
Muhammad Firdaus Bin Khalid A146401 UKM	Telekom Malaysia Berhad New Media	E-BROWSE PORTAL.	2016-2017 (20 WEEKS)
Fatin Hamimah Binti Basiran A146405 UKM	Telekom Malaysia Berhad New Media	Report Builder for HyppTV	2016-2017 (20 Weeks)
Nur Shahana Binti Saa 2014855514 Uitm Perlis	MyXLab	Mobile App (Emergency)	18 April – 10 June 2016

..... REVIEWER

Title	Year
International Conference Software Engineering & Computer Systems (ICSECS 2017)	2017

International Conference on Electrical Engineering and Informatics 2017 (ICEEI2017)	2017
3rd International Multi-Conference on Artificial Intelligence Technology (M-CAIT 2016)	2016
4th Artificial Intelligence Technology Postgraduate Seminar (CAITPS 2015)	2015
The 4th International Visual Informatics Conference 2015	2015

..... Evaluator

Title	Year
4th Artificial Intelligence Technology Postgraduate Seminar (CAITPS 2015)	2015

..... COMMITTEE MEMBER

Title	Role	Year
Asean Japan Joint-Workshop on Computational Linguistics & Informatics (Ajcli 2017)	Head of Publicity	2017
Mobile Applications Knowledge Sharing with Community Tanjung Karang Programme	Advisor of Programme	2017
SIG Mobile Application Development Club	Manager	2016 - Current
Students & Alumni Affairs FTSM, UKM	Committee member	2015 - Current
Multi-Conference on Artificial Intelligence Technology (M-CAIT 2016)	Head of Publicity	2015-2016
ExxonMobil-UKM STEM Exploration Journey Camp on Sustainable Energy 2015	Committee member&Mentor	2015
4th International Visual Informatics Conference	Committee Member of Logistic	2016

..... CURRICULUM

Event Name	Position	Year
Siggraph Asia 2013 Hong Kong	Student Volunteer	2013, Nov
Pesta AngPau- 14	Committee members (Technical Department)	2008
Pesta Tanglung- 28	Committee members (Technical Department)	2007