CURRICULUM VITAE

SECTION 1 : PERSONAL AND SERVICE PARTICULAR

Name	: Encik Mohamad Nizam Bin Ayub
Position	: Lecturer
Department	: Department of Computer System and Technology
Faculty	: Faculty of Computer Science & Information Technology
Nationality	: Malaysia
Gender	: Male
Race	: Malay
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SECTION 2 : ACADEMIC QUALIFICATIONS OBTAINED

No	Qualification	Field of Study	Class of Award	Date	Univ./Institution
1.	Masters Degree	Multimedia Interaktif	Passed Master Degree	17/11/2001	HERIOT-WATT UNIVERSITY, EDINBURGH, SCOTLAND
2.	Bachelor Degree	Sains Komputer	Second Class Upper Honours	12/08/2000	UNIVERSITY OF MALAYA (UM)
3.	Diploma	Sains Komputer	Passed Diploma	23/03/1996	UNIVERSITI TEKNOLOGI MARA (UITM)
4.	SPM/MCE /SAP/SPVM/SPMV	Lain-Lain	Spm 1St Grade	31/12/1991	SEK. MEN. TUANKU JAAFAR , N. SEMBILAN

SECTION 3 : AREAS OF SPECIALIZATION

No	Main Areas	Sub Areas	Area (Specialization)	Keywords
1	Humanities	Art And Culture	Interactive Multimedia	
2	Information, Computer And Communication Technology (Ict)	Emergent Information Technology	Edutainment	Game based learning

SECTION 4 : TEACHING

Post Graduate

No	Course Title & Code	Academic Session	No. of Students	No. of Contact Hours	Lectures/ Tutorials/ Practicals
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First Degree

No	Course Title & Code	Academic Session	No. of Students	No. of Contact Hours	Lectures/ Tutorials/ Practicals

| 1 | WRET3314-COMPUTER GAMES PROGRAMMING | 2011/2012 (1) | | 20 | 0 | |

Pre-Degree (if applicable)

No	Course Title & Code	Academic Session	No. of Students	No. of Contact Hours	Lectures/ Tutorials/ Practicals
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Diploma (if applicable)

No	Course Title & Code	Academic Session	No. of Students	No. of Contact Hours	Lectures/ Tutorials/ Practicals
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Others (if applicable)

No	Course Title & Code	Academic Session	No. of Students	No. of Contact Hours	Lectures/ Tutorials/ Practicals
-					

SECTION 5 : SUPERVISIONS

Post Graduate (Ongoing)

No	Name of Candidate	Field of Research/Title of thesis	Date of Registration	Academic Session	Name of Degree	Due to be Completed	Individual/Sharing
1	Cheng Yan	Role Play Game (RPG) for Learning of Programming		2012/2013 (()	Sarjana Sains Komputer	2013	Individual
2	Norizan Johari	Multimedia Learning of History for Secondary School		2012/2013 (()	Sarjana Sains Komputer	2013	Individual

Post Graduate (Completed)

No	Name of Candidate	Field of Research/Title of thesis	Date of Registration	Academic Session	Name of Degree	Year and Duration of Completion(month)	Individual/Sharing
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First Degree/Diploma/Pre-Degree

No	Academic Session	No. of Candidates	Course Title	Individual/Sharing	Status
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Role as Academic Adviser at first degree level

No	Academic Session	No. of Candidates	No. of Contact Hours Per Year
-			

SECTION 6 : RESEARCH PROJECTS

Research since appointment as academic staff in UM.

Research Project : Completed

No	Title	Source and Amount of Financial Assistance	Start	End	Role	Research Result
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Research Project : Ongoing

No	Title	Source and Amount of Financial Assistance	Start	End	Role	Research Objective

1	Learning Elasticity through Natural Interaction	**(RM 31700.00)**	2012	2013	Principal Investigator(PI)	
2	Adaptive Learning Environment for Problem Solving Skills (ALEPS) : Games and Visualization	Flagship Grant **(RM 73000.00)**	2012	2013	Co-Investigator	To provide an adaptive learning environment that caters the acquisition of problem solving skills using 5 teaching and/or learning strategies identified thus far, namely, game-based learning, learning via worked-example/case-based, visualisation in learning via animated and simulated environments, note taking, and semantic processing, i.e. creating summaries. Specifically, the research has 3 specific objectives as follows: 1.To conduct initial study on problem solving, including the fundamental problem solving processes and its strategies. 2.To develop educational tools and to implement assessment technique for each of the 5 teaching and/or learning. 3.To test and evaluate on the user acceptance and the transfer of learned problem solving skills.

Research Interest

No	Title	Keywords
1	Multimedia Learning	

SECTION 7 :CONSULTANCY PROJECT

Consultancy since appointment as academic staff in UM.

Activities as Consultant

No	Name of Project (if applicable)	Role	Organisation	Start Date	End Date
1	MDEC Innovation Scheme with Bacbone Entertainment	Consultant	Backbone Entertainment Sdn Bhd	2011	2012

SECTION 8 : RECENT SELECTED PUBLICATIONS

Publications since appointment as academic staff in UM.

Article In Academic Journals

No	Publications
1.	M.N. Ayub (2009) Conceptual View on Exploring Learning via Game Design. Computing and Information Systems Journal, Vol 13, Issue 3, Page 48-55.
2.	International Journal Mohamad Nizam Ayub, Santhimathy T. Venugopal, Nurul Fazmidar Mohd Nor.International Journal Informatics in Education, Institute of Mathematics and Informatics, Lithuania Development of Multimedia Authoring Tool for Educational Material Disseminations , Vol. 4, No. 1, 2005

Others

No	Publications
1.	Conference Article Mohamad Nizam Ayub,Santhimathy T. Venugopal . Proceedings of The Annual International HERDSA Conference Development of multimedia authoring tool: The impact for educational sector , 5 7 July 2004, Curtin University, Miri Sarawak
2.	STPM 2004 EXAM PANEL, MALAYSIAN EXAMINATION BOARD
3.	INTRODUCTION TO IT, MULTIMEDIA SYSTEMS -EXECUTIVE DIPLOMA IT MODULE (EDIT), UMCCED
4.	Conference Article Mohamad Nizam Ayub. Proceedings of The International Conference On Higher Education for the 21st Century collaboration with HERDSA Fundamental of Radar: Towards Multimedia Learning Approach , 24 26 September 2002, Curtin University, Miri Sarawak

5.	Conference Article. Mustaffa Kamal Mohd Nor, Mohamad Nizam Ayub, Chong Shi Leng, Wong Ying Ying. Proceedings of The national Seminar on Science, Technology and Social Science. (Page 75- 85) Sistem Pengurusan dan Tempahan Tiket Bas dalam Talian secara Bersepadu untuk Syarikat-Syarikat Bas di Hentian Puduraya , 30-31 May 2006, Kuantan Pahang.
6.	Conference Article. Mustaffa Kamal Mohd Nor, Mohamad Nizam Ayub, Foo Yuke Shean. Proceedings of The national Seminar on Science, Technology and Social Science. (Page 61-73) A Proposed Implementation and Design of Web-Based Property Information System for Malaysian Market , 30-31 May 2006, Kuantan Pahang.

SECTION 9 : INTELLECTUAL PROPERTY RIGHTS

No	Product Name	Type	Reference No	Level	Year
1.	A METHOD OF IDENTIFYING A SOURCE OF A DIGITAL IMAGE	Patent	2012700024	International	2012

SECTION 10 : PRESENTATIONS

No	Event	Title of Paper Presented	Role	Start Date	End Date	Organiser	Level
No Record.							

SECTION 11 : EVALUATIONS ACTIVITIES

No	Title of Book/Thesis/Project/(Year)	Activity
No Record.		

SECTION 12 : PROFESSIONAL AFFILIATION/MEMBERSHIP

No	Organisation	Role	Start Date	End Date	Level
No Record.					

SECTION 13 : AWARDS AND RECOGNITIONS

No	Name of Award	Awarding Institution	Year Awarded	Level
1.	ITEX 2012	ITEX	2013	International
2.	MTE 2012	MTE	2013	National

SECTION 14 : ADMINISTRATIVE DUTIES

No	Role	Level(Department, Faculty)	Started Date	Ended Date
1.	Acting Head Of Department	University Malaya	22-Nov-12	23-Nov-12
2.	Penasihat Web Fakulti	Department Of Computer System & Technology, Faculty Of Computer Science & Information Technology	22-Aug-12	22-Aug-13

SECTION 15 : CONTRIBUTION TO SOCIETY

No	Contribution To Society	Level	Start Date	End Date
1.	AJK Sukan NADI	University	10-May-11	31-Dec-12
2.	Pemeriksa Program Matrikulasi 2011	National	14-Oct-11	19-Oct-11

SECTION 16 : CAREER HISTORY

No	Employment	Employment Field	Organisation	Start Date	End Date
1.	Pengaturcara & Penganalisa Sistem	Berkaitan Komputer (Is, Mis, Dp)	Maybank	01-MAY-00	31-DEC-00

2.	Pengaturcara Komputer	Berkaitan Komputer (Is, Mis, Dp)	Sapura Research Sdn Bhd	01-JAN-95	31-DEC-97

SECTION 17 : EXPERT LINKAGES

No	Linkages Description	Organisation	Year of Involvement	Duration	Level
No Record.					

SECTION 18 : TECHNICAL CONTRIBUTIONS

No	Activity	Organisation	Role	From	Until	Level
1.	Panel Juri Pertandingan Kandungan Multimedia Kreatif Perisian Terbuka	MAMPU, Jabatan Perdana Menteri	Expert Advisor	2013	2013	National
2.	Technical Committee: International Arab Journal of e-Technology	IAJeT Secretariat Arab Open University - Jordan	Technical Advisor	2012	2013	International

SECTION 19 : COMMERCIALISATIONS

No	Company Name	Product Name	Commercial Type	Investment Amount (RM)	Project Research Code
No Record.					