Curriculum Vitae

1. Personal

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| Name | Mohd Zamri Murah |
| Date of Birth | 27/2/1965 |
| IC | 650227-03-5131 |

1. Address:

Jabatan Sains Dan Pengurusan Sistem

Fakulti Teknologi dan Sains Maklumat

Universiti Kebangsaan Malaysia

Email: [zamri@ftsm.ukm.my](mailto:zamri@ftsm.ukm.my)

Tel: 603-89266741

1. Kursus Penilaian Tahap Kecekapan. PTK 3 ( tahap IV) (2003).
2. Field of specialization:

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| Jawi transliteration system |
| Data mining and statistical machine learning |
| Web development using RAILS |

1. Academic qualification: BSc(Iowa), Msc(Iowa)
2. Position:

Lecturer

Fakulti Teknologi Sains Maklumat

Universiti Kebangsaan Malaysia

43600 Bangi

Selangor

Researcher

Center for Artificial Intelligent Technology ( CAIT)

Universiti Kebangsaan Malaysia

43600 Bangi

Selangor

1. Professional experiences:

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| --- | --- |
| Mei 1991-now | Pensyarah, Jabatan Sains Dan Pengurusan Sistem, Fakulti Teknologi dan Sains Maklumat |
| 2004-now | Researcher, Center for Artificial Intelligence Technology |
| 2005-2007 | E-Learning Coordinator, University Kebangsaan Malaysia |
| 1997-1999 | Undergraduate coordinator for UKM-MARA joint academic program |

1. Consultations

|  |  |  |
| --- | --- | --- |
| TC ( Technical Committee ) on Multilingual Processing, SIRIM ( Standards Malaysia)  TC focus on the use of jawi standard in Malaysia | Co-chairman | 2008-now |
| Expert group (EG) on network surveillance, Cybersecurity Research Group, MOSTI | member | 2009-now |
| Jawi for International Domain, Domain Name Registry, MOSTI  Group focus on the development of standard jawi keyboard | Member | 2009-now |

1. Achievements / Award

2009, **Pingat Emas**, *Design and Development of Web-Based Rumi-Jawi Transliteration Engine using XML-RPC*. ITEX 2009, Kuala Lumpur Convention Center, 2009.

2008, **Pingat Gangs**a (Bronze medal), *Design and development of rumi-jawi transliteration engine*. ITEX 2008, Kuala Lumpur Convention Center, 9-11 May 2008.

2004, **Pingat Gangsa** (Bronze medal), *Projek McMiner: Development of Knowledge Miner for Medical Records with NN Modelling*. Expo Science, Technology and Innovation 2004, Putra World Trade Centre, 27-29 Ogos 2004.

2004, **Pingat Perak** (Silver medal), *Development of Web-based medical data mining*. Expo Research and Innovation UKM, Universiti Kebangsaan Malaysia, 15-18 Julai 2004.

2004, **Pingat Gangsa**(Bronze Medal), *Pembangunan pelombong cergas menggunakan teori set kasar keatas data pemakanan*. Expo Research and Innovation, Universiti Kebangsaan Malaysia, Malaysia.

2003, **Pingat Emas** (Gold Medal), *Development of web-based knowledge miner for medical records*. International Information Technology Symposium ( ITSIM 03), Kuala Lumpur, Malaysia.

2000, **Anugerah Kreativiti Dan Innovasi***, Pembangunan sistem penulisan Jawi berasaskan TeX*., Universiti Kebangsaan Malaysia, December 2000.

1. Researches

|  |  |  |
| --- | --- | --- |
| Title | Year | roles |
| UKM-OUP-NBT-30-155/2008 – Jawiware system | 2008-2009 | researcher |
| UKM-GUP-TMK-07-02-034 – jawiware system | 2008-2010 | reseracher |
| 01-01-02-SF0306 , Development of automated rum-jawi transliteration engine based on XML-RPC | 2007-2008 | Principal reseracher |
| UKM-GUP-KRIB-18/2008 , Pembangunan dan Penilaian Program Peningkatan Literasi ICT di Kalangan Guru, Kakitangan dan Pelajar Terpilih SMKTTA | 2008-2010 | researcher |
| 04-02-02-0004-EA004 , The development of web-based knowledge miner for medical data | 2005-2008 | researcher |

1. Pengajaran

|  |  |
| --- | --- |
| sessi | kursus |
| 2009-2010 | TS6234 Client-Server (graduate)  TS2344 Database System |
| 2008-2009 | TS6234 Client-Server (graduate)  TS2643 Client-Sever  TM1933 Enterpreneurship for IT |
| 2007-2008 | TS1913 Information Technology  TS6234 Client-Server (graduate)  TS2643 Client-Sever  TM1933 Enterpreneurship for IT |
| 2006-2007 | TS1913: Teknologi Maklumat  TS2003: Sistem Maklumat Perakaunan  TC6413: Penerokaan Pengetahuan dan Perlombongan Data |

1. Persidangan

2009, International Computing and Electrical Engineering Conference, (ICEEI 2009), 7-9 Julai, Fakulti Teknologi Sains Maklumat, UKM. Peserta.

2008, *NOOR Global Knowledge Forum*, 22-25 June, Madinah, Saudi Arabia. **Pembentang**.

2007, *National Innovation Conference and Exhibition (NICE 07)*, Putra World Trade Center, Kuala Lumpur. 26-30 November. **Peserta**.

2007, *International Conference on Mathematical Science*, Hotel Equatorial, Bangi, Selangor. 28-29 November 2007. **Pembentang**.

2007, *International Conference on Life-Long Learning*, Universiti Kebangsaan Malaysia, 25-26 November 2007. **Peserta**.

2007, *Persidangan Aturcara Kebangsaan* *2007*, Hotel Pan Pacific, KLIA, 5 December. **Peserta.**

2006, *International Conference on e-Learning*, Hotel Istana, Kuala Lumpur, Malaysia. 26-28 December 2006. **Pembentang**.

2003, *International Conference on Technology Symposium (ITSim 03),* Hotel Istana, Kuala Lumpur. 2003. **Peserta**.

2003, *International Conference on Computer Integrated System*. UNITEN. 20003. P**embentang**.

2003, *Second National Conference on Cognitive Science*. 2003. UNIMAS**, Pembentang**.

1999, International Conference on Information Technlogy and Multimedia, UNITEN. **Peserta**.

1997, Fourth Annual Conference of Asia Pacific Finance Association, PWTC, Kuala Lumpur. **Peserta.**

1. Bengkel/Seminar
   1. 2009, **Forum on International Domain Name**, 9-10 Julai, Cyberjaya. Ahli Panel**.**
   2. 2009, **Seminar hasil penyelidikan pembangunan usahawan**, 2-3 Mac, 2009, Shah Alam, Selangor, Peserta.
   3. 2008, 2nd. ***Asia Pacific Trusted Infrastructure Summer School*** (APTISS 2008), 11-15 Ogos, Shah Alam, Malaysia.
   4. 2008, ***Actuarial Modelling and Risk Management***, 22 May, UKM.
   5. 2008, ***Bengkel Web Services***, 18-22 January, 2008. Fakulti Teknologi Sains Maklumat.
   6. 2007, ***Seminar Hidden Markov***, 11-13 December 2007. Universiti Teknologi Malaysia, Jalan Semarak, Kuala Lumpur.
   7. 2007, ***Seminar Particles Swarm Optimization***, Prof. Andreis Engelbrecht, November 22-23, 2007. Universiti Kebangsaan Malaysia.
   8. 2007, ***Seminar Ant Colony Optimization***, Prof. Martin Middendorf, November 2007. Universiti Kebangsaan Malaysia.
   9. 2007, Seminar pemantapan Jabatan Sains dan Pengurusan Sistem, (Mantap 07). Hotel Shangri-La, Putrajaya.
   10. 2007, ***Bengkel Computational Algebra***, Prof Robert Steinberg, October, Fakulti Teknologi Sains Maklumat, Uniersiti Kebangsaan Malaysia.
   11. 2007, ***Bengkel Web 2.0***, Julai 2007. InfoTech, Petaling Jaya, Kuala Lumpur.
   12. 2006, Seminar pemantapan Jabatan Sains dan Pengurusan Sistem, (Mantap 06). Hotel Federal, Kuala Lumpur.
   13. 2006, *Bengkel Pembangunan perisian berasaskan sumber terbuka*. Pusat Teknologi Maklumat, UKM. **Pembentang**.
   14. 2005, ***Seminar on Knowledge Management***, 2005, Hotel Marriot, PutraJaya.
   15. 2005, Seminar pemantapan Jabatan Sains dan Pengurusan Sistem, (Mantap 05). Kuantan, Pahang.
   16. 2004, ***Learning with Support Vector Machine***, Prof. Alex Smola, Julai 2004. Bintang Royale, Kuala Lumpur.
   17. 2004, ***Data Mining Using Decision Tree***, Prof. Dan Steinberg, 2004. Rating Agency of Malaysia, Kuala Lumpur.
   18. 2004, ***The 6th. CO-EXIST-SEA WORKSHOP***, Kementerian Sains, Teknologi dan Inovasi, Malaysia (MOSTI), 2004. Kuala Lumpur.
   19. 2004, ***Modelling with UML using Rational Rose***, 2004. Universiti Teknologi Malaysia (UNITEM).
   20. 2004, ***Websphere development***, 2004. Universiti Teknologi Malaysia (UNITEM).
   21. 2004, **Asean Communication and Multimedia Expo and Forum**. MIECC, Kuala Lumpur.
   22. 2004, **Annual education and research conference**. PWTC, Kuala Lumpur.
   23. 2004, **Seminar pemantapan Jabatan Sains dan Pengurusan Sistem**, (Mantap 04). Pulau Pinang.
2. Penerbitan
   * + 1. Papers/Technical Reports

a) Mohd **Zamri Murah***. Design dan development of Jawi keyboard*. Technical report, TC(Technical Committee) for Multilingual Computing, SIRIM. 2009.

* 1. **Mohd Zamri Murah**. *The survey of UNICODE-compliant font for writing jawi*. Technical report, TC(Technical Committee) for Multilingual Computing, SIRIM. 2009.
  2. **Mohd Zamri Murah***. Writing jawi: Issues about the position of hamza*. Technical report, TC(Technical Committee) for Multilingual Computing, SIRIM. 2009.

2. Papers/Journal

a) Mohd **Zamri Murah**. *Prototaip Sistem Rumi-Jawi berasaskan komponen*. Jurnal Dewan Bahasa. Dewan Bahasa Dan Pustaka. Mei. 2000.

b) **Mohd Zamri Murah**. *Prototaip Istilah Dalam Talian*. Jurnal Dewan Bahasa. Dewan Bahasa Dan Pustaka. September. 2000.

c) **Mohd Zamri Murah**. *Jawi dan UTF-8*. Jurnal Dewan Bahasa. Dewan Bahasa Dan Pustaka. September. 2002.

3. Books

a) Siti Rahayah Ariffin, Norazah Mohd. Nordin, Andul Ghafur Ahmad, Mohamed Amin Embi, **Mohd Zamri Murah**. Proceding Seminar e-Pembelajaran kebangsaan. Penerbit UKM. 2007.

b) Abdul Razak Hamdan, Mohd Shanuddin Zakaria, Yazrina Yahya, Mohamad Faidzul Nasruddin, Mohd Zakree Ahmad Nazri, **Mohd Zamri Murah**. 2004. *Teknologi Maklumat*, Edisi ke-2, McGraw-Hill.

c) Abdul Razak Hamdan, Mohd Shanuddin Zakaria, Yazrina Yahya, Mohamad Faidzul Nasruddin, Mohd Zakree Ahmad Nazri, **Mohd Zamri Murah**. 2001. *Teknologi Maklumat*, Edisi ke-1, McGraw-Hill.

4. Bab dalam buku

a) **Mohd Zamri Murah**. *Satu tinjauan pelaksanaan dan penggunaan e-Pembelajaran di Universiti Kebangsaan Malaysia.* Pegagogi dan pembangunan e-Pembelajaran di Institusi Pengajian Tinggi. Penyunting: Siri Rahayah Ariffin, Norazah Mohd. Nordin. Pusat Pembangunan Akademik, Universiti Kebangsaan Malaysia. 2007.

5. Persidangan kebangsaan

a) Mohd Amzari Aziz, Siti Norul Huda Syeikh Abdullah, Azuraliza Abu Bakar, Abdul Razak Hamdan, Maryati Yusof, Khairuddin Omar, Shahrul Azman Mohd Noh, **Mohd Zamri Murah**, Noor Lailani Nawawi. *Data Mining Task And Techniques*. Seminar Sistem pengesanan tahap kualiti minyak dan perlombongan data. September 2003.

b) Mohd Zamri Murah. *Data Mining: From Data to Decision*. Seminar Siswazah FTSM. 2002.

c) Aziz Deraman, Abdul Razak Hamdan, Abdullah Mohd Zin, **Mohd Zamri Murah**, Kasmiran Jumari, Abdul Rashid Abdul Rahim. *Software Development and Maintenance Methodology: An User Computing Approach*. 1999. Seminar IRPA, IRPA 04-02-02-0002.

d) Aziz Deraman, Abdul Razak Hamdan, Abdullah Mohd Zin, **Mohd Zamri Murah**, Kasmiran Jumari, Abdul Rashid Abdul Rahim. Piawaian *perancangan strategik teknologi maklumat.* Seminar IRPA , IRPA 04-02-02-0002.

e) **Mohd Zamri Murah**. *Takaful Insurance*. Seminar Institut Statistik Malaysia. 1995. Universiti Utara Malaysia.

f) **Mohd Zamri Murah**. *Actuarial Risk Model*. Seminar Institut Statistik Malaysia. 1993. Universiti Utara Malaysia.

6. Persidangan antarabangsa

a) **Mohd Zamri Murah**, Mohamad Faidzul Nasrudin, Khairuddin Omar. Medical data mining with R. Madinah Knowledge Conference. 25-27 March 2008.

b) Mohamad Faidzul Nasrudin, Khairuddin Omar, **Mohd Zamri Murah**. *Development of JAWIware*. International Conference on Mathematical Science. December 2007. Hotel Equatorial, Bangi, Selangor, Malaysia.

c) **Mohd Zamri Murah**, Suzilawati Ismail, Shanudin Zakaria, Othman Abdul Karim. *Tinjauan pelaksanan e-pembelajaran di Universiti Kebangsaan Malaysia*. International Conference on e-Learning, December 2006. Hotel Vistana, Kuala Lumpur.

d) Siti Norul Huda Sheikh Abdullah, Abdul Razak Hamdan, Maryati Yusof, Khairuddin Omar, Shahrul Azman Mohd Noah, **Mohd Zamri Murah**, Balwant Singh Gendeh, Abdullah Sani Muhammed, Mohammad Amzari Aziz, Nuranisak Amerudin, Nurlailani, Nurazlin Sarun. *An approach to mining nutrition database using rough sets.* Proceedings of Advanced Technology Congress 2003, International Conference on Computer Integrated System. 20-21 Mei 2003, Hotel Marriot, PutraJaya.

e) Siti Norul Huda Sheikh Abdullah, Abdul Razak Hamdan, Maryati Yusof, Khairuddin Omar, Shahrul Azman Mohd Noah, **Mohd Zamri Murah**, Balwant Singh Gendeh, Abdullah Sani Muhammed, Mohammad Amzari Aziz, Nuranisak Amerudin, Nurlailani, Nurazlin Sarun. *Malaysian Case: Preliminary study in mining retrospective and prospective medical data*. Proceedings of Advanced Technology Congress 2003, International Conference on Computer Integrated System. 20-21 Mei 2003, Hotel Marriot, PutraJaya.

f) Abdul Razak Hamdan, Siti Norul Huda Abdullah, Mohamad Amzari, Abdullah Sani, Balwant Singh Gendeh, **Mohd Zamri Murah**, Khairuddin Omar, Shahrul Azman Mohd Noh. *Data Mining Tasks and Techniques*. Kebangsaan International Information Technology Symposium (ITSim 03), Kuala Lumpur. 2003.

g) Siti Norul Huda Abdullah, Abdul Razak Hamdan, Khairuddin Omar, **Mohd Zamri Murah**, etc. *Teknik Perlombongan Pengetahuan Dalam Data Perubatan*. Second National Conference on Cognitive Science. 2003.

7. Manuskrip/mimeograph

a) Aziz Deraman, Abdul Razak Hamdan, Abdullah Mohd Zin, **Mohd Zamri Murah**, Kasmiran Jumari, Abdul Rashid Abdul Rahim. *Software Development and Maintenance Methodology: An User Computing Approach*. 1999. IRPA 04-02-02-0002.

b) Aziz Deraman, Abdul Razak Hamdan, Abdullah Mohd Zin, **Mohd Zamri Murah**, Kasmiran Jumari, Abdul Rashid Abdul Rahim. Piawaian *perancangan strategik teknologi maklumat.* IRPA 04-02-02-0002.

c) **Mohd Zamri Murah**, *Pengurusan Maklumat Internet*. Pusat Teknologi Maklumat, Universiti Kebangsaan Malaysia. Nota kursus 1993-1999.

* + 1. **Mohd Zamri Murah**, *Sistem Pengoperasian Unix*. 200 mukasurat. 1994-1997. Nota kuliah.
  1. Laporan Teknik
     1. **Mohd Zamri Murah**. Pembangunan dan penyelenggaraan perisian jawi berasaskan TeX. Laporan teknik FTSM. 1999.
     2. **Mohd Zamri Murah**. Rekabentuk prototaip rumi-jawi. Laporan teknik FTSM. 1999.
     3. **Mohd Zamri Murah**. Typesetting jawi using TeX. Laporan teknik. 1999.

1. Kursus yang diikuti
   1. Penilaian Tahap kecekapan PTK 3. Universiti Kebangsaan Malaysia, 2004.
   2. Kursus Kaedah Pengurusan. Selesa Hill Country Homes, Selangor, 1995.
   3. Kursus pemikiran kreatif. Port Dickson, Seremban, 1996.
   4. Kursus kaedah pengajaran dan pembelajaran. Bagan Lalang, Selangor, 1991.
2. Invention/Software Development
   1. Design and development of web-base rumi-jawi transliteration engine based on XML\_RPC. 2009.
   2. Design and development of jawi keyboard layout. 2009.
   3. Design and development of jawi-malay transliteration engine. 2008.
   4. Design and development of UNICODE-based jawi words list. 2008.
   5. Development of MS Word add-in for rumi-jawi transliteration. 2008.
   6. Implementation of Learning Content Management System (LCMS) based on opensource softwares ( dotLRN, moodle, dokeos). 2002-2006.
   7. Development of a prototype web-based system for English-Malay information technology terminologies. 2001.
   8. Development of a prototype e-mail achives for FTSM. 2001.
   9. Development of a prototype to produce Unicode-based jawi document based on TeX document typesetting system. 2001.
   10. Development of jawi document processor based on TeX. 2000.
3. Paten dan hakcipta
   1. Rumi-jawi transliteration software ( hakcipta )
   2. Jawi keyboard layout ( hakcipta )
   3. Rumi-jawi add-in for MS Words. ( hakcipta )
4. Pentadbiran/Jawatankuasa
   1. ***Penyelaras***, e-learning peringkat universiti, Pusat Teknologi Maklumat, UKM. 2005-2007.
   2. ***Ahli,*** jawatankuasa abstrak, Seminar e-pembelajaran peringkat kebangsaan, 2006.
   3. ***Pengerusi,*** Seminar pemantapan jabatan sains dan pengurusan sistem ( mantap 05).
   4. Ahli, jawatankuasa rangkaian dan keselamatan universiti, UKM. 1995-1999.
   5. Ahli, Jawatanankuala perpustakaan peringkat universiti, UKM. 1995-1999.
   6. ***Penyelara,*** program sarjana muda UKM-Unitar, 1998-1999.
   7. ***Penyelaras,*** program sarjana muda UKM-ITM, 1995-1997.
   8. ***Penyelaras***, program perakaunan Kolej Negeri, Negeri Sembilan, 1997-1998.
   9. ***Penyelaras***, program teknologi maklumat, UKM-Kolej Yayasan MARA, 1997-1998.
   10. ***Penyelaras***, program teknologi maklumat, UKM-Cosmopoint, 1996-1997.
5. Keanggotaan badan iktisas
   1. Ahli, *Association of Computing Machinery*. (ACM) 1999-2003.
   2. Ahli, *Institute of Electrical Engineers*. (IEEE) 1999-2003.
   3. Persatuan Statistik Malaysia. 1991-1995.
   4. Actuarial Society of Malaysia. 1991-kini.
   5. Persatuan Matematik Malaysia. 1991-kini.