CURRICULUM VITAE

A. PERSONAL INFORMATION

Name   : **Rashidah Binti Kadir**
I/C   : **741012-02-6020**
Home address   : **No 35. Jalan PI 11/3, Taman Pulai Indah,**
                       81110 Kangkar Pulai, Johor
Tel.   : **07-5532386(O), 013-3449925(HP)**
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Blog   : http://lamanhasanah.blogspot.com

B. EDUCATION

August 2000 MSc in Computer Science
                (Universiti Teknologi Malaysia)

August 1999 BSc in Computer Science
                (Universiti Teknologi Malaysia)

May 1995 Diploma in Science
                (Institut Teknologi Mara)

C. POSITION HELD

Position held at the Faculty of Computing, Universiti Teknologi Malaysia

September 2013 –present	Academic Advisor
September 2013 –present	First Year Experience Committee Members
January 2013 – present	Industrial Training Committee Members
January 2012 – present	JAPNI Committee Members
January 2003 – 2006	Industrial Training Committee Members
July 2000 – May 2002	Final Year Project Committee Members
Jun 2002 – present	Lecturer
December 1999 – Jun 2002	Tutor

D. TEACHING EXPERIENCE

Computer Security	- 2013/14i, 2011/12i, 2010/11ii
Cryptography	- 2012/13i, 2011/12i, 2010
Operating System	- 2012/13ii,
Digital Logic	- 2013/14i
Computer Architecture and Organisation	- 2012/13i
Computer Organization and Assembly Language	- 2004/05i
System Software	- 2002/03
Computer Network	- 2004/05i
Project (Theory)	- 2003/04ii
C Programming	- 2010/11i
Fortran	- 1998/1999ii

E. SUPERVISION

Undergraduate Supervision

1. Mohd Arfizam Bin Ahmad "Sistem Hadiah Menggunakan Teknik Keselamatan MD5" UTM Thesis (2013)
2. Wee Hui Siang "Aplikasi Senarai Aktiviti Semasa Berasaskan Android" UTM Thesis (2013)
3. Muhammad Fariduddin Razali "Online Survey to Evaluate Information Security Awareness Among Students" UTM Thesis (2013)
4. Noorhasyimah Binti Ahmad "Bank Question for Security Awareness Assessment" UTM Thesis (2013)
5. Nur Khanizah Binti Abdul Rashid "Sistem E-Zakat (Pengurusan Bayaran dan Agihan)" UTM Thesis (2013)
6. Nur Amirah Binti Ismail "Sistem E-Wakaf" UTM Thesis (2013)
7. Nurul Khalisah Muhamad Sabri "Sistem Pengurusan Servis Sukarelawan Mercy Malaysia" UTM Thesis (2013) *Mercy Malaysia Volunteer Service Management System*
8. Fariz Fazliana Ismail "Sistem Kawalan Inventori Menggunakan Barkod" UTM Thesis (2013) *Inventory Control System Using Barcode*
9. Nabila Shuhada Ahmad "Perisian POS menggunakan Barkod (Pembelian & Keahlian Pelanggan" UTM Thesis (2013) *Point of Sale Software Unisng Barcode*
10. Chim Siang Lam "Permainan Tembakan Berbilang Pemain bagi Telefon Mudah Alih". (2005) *Multi-player Shooting Game for Mobile Phones*
11. Nachiappan A/L Kandasamy "Sistem Pembelian Barangan Berasaskan Web dan WAP Push". (2005) *WAP Push and Web Based Purchasing System*
12. Tan Lee Peng "Sistem Pengurusan Kekunci Dalam Sistem Penghantaran Tugasan di FSKSM, UTM".(2005) *Key Management for Assignment Submission System.*

13. Muhammad Asri Bin A Bakar "Sistem Transaksi Pembayaran Menggunakan Kad Pintar (Kad Debit UTM)". (2005) *Payment Transaction System Using Smartcard (Debit Card UTM)*

14. Mohd Zam Zam Bin Zainudin, "Pengimplementasian Infrastruktur Kekunci Umum Terhadap Prototaip Portal Pensyarah FSKSM". (2004) *Implementation of Public Key Infrastructure for FSKSM's Lecturers Prototype Portal*

15. Abdul Razak Bin Ismail, "Simulasi Penjanaan dan Pertukaran Kekunci Simetri dan Tak Simetri". (2004) *Symmetric and Asymmetric Key Generation and Key Exchange Simulation*

16. Mohamad Firdaus Bin Ab Rahim, "Steganografi: Penyembunyian Teks dalam Video". (2004) *Steganografi: Text Hiding in Video*.

17. Mohamad Noor Bin Hamdan, " Sistem Pengecaman Warna Kulit pada Imej Menggunakan Permodelan Warna Kulit". (2004) *Image Skin Color Detection System using Skin Color Modelling* Zainon Abdullah @ Idris, "Sistem Simulasi Proses Kemudahan Kekunci Umum(PKI). (2004) *Public Key Infrastructure Process Simulation*

18. Yusnida Binti Ramli, "Sistem Cuti FSKSM Menggunakan Tandatangan Digital". (2004) *FSKSM's Leave System using Digital Signature*

19. Abdul Rafiz Bin Md Yusuf, " Mekanisme Pengurusan Kekunci Simetri Bagi Sistem Mel Elektronik ". (2004)

20. Ong Hock Peng, " Kawalan Capaian Perkhidmatan Komputer Menggunakan Kad Pintar Pelajar Dengan Teknik Pengesahan ". (2004)

21. Mohd Azim Othman, " Perisian Permainan Hangman Berkonsepkan Single User Dengan Menggunakan J2ME Bagi Telefon Bimbit ". (2004)

22. Mah Siew Mei, " Sistem Pengurusan Masa Menggunakan Cap Jari ". (2004)

23. Yakub Termin,"Analisa Perbandingan Algoritma Penyulitan Data Cast and Tea ". (2003)

24. Shakirah Binti Abdul Karim, " Sistem Maklumat Pengurusan Projek Bior Inovasi Dan Perundingan Bercirikan Keselamatan Kripto Lengkungan Eliptik ". (2004)

25. Suaibatul Aslamiah Binti Kamaruddin, " Sistem Pengecaman Pengucapan Dengan Menggunakan Rangkaian Neural ". (2004)

26. Nor Suhada Binti Mohd Sidek, " SPEFSKSM: Sistem Perkongsian Data Menggunakan Teknik Skima Perkongsian Rahsia Threshold ". (2003)

27. 'Urwah Bin Saari, " Aplikasi Web Clippng Sistem Latihan Praktik FSKSM Menggunakan PDA ". (2003)

28. Kamal Azizi, " Sistem Maklumat dan Kehadiran Guru Bercirikan Keselamatan Data Menggunakan Kaedah Penyulitan Dan Teknik Kawalan Capaian Berasaskan Peranan (RBAC) ". (2003)

29. Hamimah Binti Kipli, " Sistem Mesyuarat Berasaskan Persidangan Video Bagi Kontraktor Pembinaan ". (2003)

30. Mohd Sharudin Bin Mat Dali @ Abdul Rahman, " Penyulitan Suara Menerusi VoIP ". (2003)

31. Lee Leong Shian, " Keselamatan Mesej dalam Penghantaran Mel Elektronik di FSKSM dengan Menggunakan Teknik Steganografi" (2003)

32. Lee Chin Keong, " Prototaip Pengesahan dan Penyahkodan Watermarking dalam Imej Digital" (2003)

33. Yap Siau Lan, " Penyembunyian Data Menggunakan Pendekatan Algoritma dan Perubahan dengan Teknik Tagging". (2003)

34. Maisie Han Wi-Mei , "Prototaip Sistem Pengesahan Untuk Aplikasi CSCW Dalam Persekitaran Web Yang Menggunakan Protokol Stesen Ke Stesen". (2002)

35. Nurzaira Azreena Binti Rahamat "Sistem Teleperundingan Pemakanan Secara Dalam Talian" (2002)
36. Rita Noremi Bt Mohamad "Sistem Rekod Perubatan Elektronik : Satu Prototaip Berasaskan Senibina Corba-Java Dalam Persekitaran Teragih". (2002)
37. Siti Hafizah Nor Binti Abd Razak "Sistem Rekod Perubatan Elektronik : Satu Prototaip Berasaskan Senibina Corba-Java Dalam Persekitaran Teragih". (2002)
38. Azhar Bin Ali "Sistem Kawalan Capaian Groupware Menggunakan Skima Perkongsian Rahsia Shamir". (2001)
39. Azimah Binti Mohd. Nor "Kawalan Capaian Ke Atas Groupware Menggunakan Skim Perkongsian Rahsia" (2002)
40. Ahmad Shahrizalazra Bin Alias "Sistem Diskusi Elektronik Di Kalangan Doktor"
41. Che Shamsul Kamal Bin Che Man "Penyulitan Dan Pemampatan MPEG Video" (2002)
42. Jagan A/L Aenpalagan "Hak Milik Terpelihara Menggunakan Teknik Watermarking". (2002)
43. Nasarudin Ismail "Persidangan Video Bagi Sekolah Bestari" (2001)
44. Nor Azila Binti Ismail "Sistem Penempahan Dan Pemantauan Penggunaan Internet di PSZ". (2000)

F. RESEARCH

1. Measuring and Assessing Levels of Public Security Awareness (Apr. 2011-Sept. 2012)
   Sponsored by Research University Grant, UTM - Project Leader

2. Improving The Performance Of Structural-Based Real-Time Alert Correlation Using Multiple Clustering Systems (Apr. 2011-Sept. 2012)
   Sponsored by Research University Grant, UTM

3. Profiling In-Line Inspection Data In Oil And Gas Pipelines (Malaysian Transmission Lines)Using Bayesian Networks (Apr. 2011-Sept. 2012)
   Sponsored by Research University Grant, UTM

4. A Chaotic-based Encryption Scheme for Scalable Video Coding (2008-2010)
   Sponsored by: ScienceFund E-Science, MOSTI - Project Leader

5. The Development of Attack Response Mechanism for Intrusion Detection System (2002 – 2004)   Sponsored by IRPA Grant, Govt. of Malaysia

6. Object-Oriented Cryptography Library (2002 – 2003)
   Sponsored by UPP Grant, UTM

7. Ubiquitous Database in Mobile Healthcare (2002 – 2003)
   Sponsored by UPP Grant, UTM

8. Information Hiding Using Steganography (2002 – 2003)
   Sponsored by UPP Grant, UTM

9. The Development of Attack Response Mechanism for Intrusion Detection System (2002 – 2004) Sponsored by IRPA Grant, Govt. of Malaysia

10. The Development of Transaction Model for Small Medium Industries (SMEs) in a Secured Web Based Environment. (Feb Mac 2001 – Mac 2002)
    Sponsored by UPP Grant, UTM

11. Optimization Of Computer Labs Usage In Schools : A Case Study Of Smart School Automated Human Resource Administration in FSKSM (Aug. 2001 – 30 July 2002)
    Sponsored by UPP Grant, UTM

G. PUBLICATIONS

Thesis

Rashidah Kadir(2000), "Secret Sharing Scheme for Collaborative Access System" MSc. Computer Science Thesis, Universiti Teknologi Malaysia, Malaysia.

Rashidah Kadir(1998), "Sistem Pemantauan Rangkaian" BSc. Computer Science Thesis, Universiti Teknologi Malaysia, Malaysia. *Network Monitoring System*

Papers

Rashidah Kadir, Mohd Aizaini Maarof and Rosdiana Shahril, "A Modified Image Encryption Scheme Based on 2D Chaotic Map" *In proceeding of The IEEE International Conference on Computer and Communication Engineering (ICCCE 2010)*, Kuala Lumpur, Malaysia, 11-13 May, 2010, pp 1-5.

Rashidah Kadir, Mohd Aizaini Maarof and Rosdiana Shahril, "Pseudo-random Bit Generator Based on a 2D Compound Chaotic Sequence" *In proceeding of International Graduate Conference on Engineering, Science and Humanities, (IGCESH 2010)*, Johor Bahru, Malaysia, 2-4 November, 2010.

Rashidah Kadir and Mohd Aizaini Maarof, "A Comparative Statistical Analysis of Pseudorandom Bit Sequences" *In proceeding of The IEEE International Symposium on Information Assurance and Security,* Vol 2 *(IAS 2009)*, Xian, China, 2009, pp 91-94.

Rashidah Kadir and Mohd Aizaini Maarof, "Randomness Analysis of Pseudorandom Bit Sequences" *International Conference on Telecom Technology and Applications (ICTTA 2009)*, Manila, Philippines, June 6-8, 2009.

Anazida Zainal, Chee Tek Siang, Maznah Kamat, **Rashidah Kadir**, Mazura Mat Din and 'Urwah Saari (2003) "Ubiquitous Database in Mobile Healthcare", *Malaysian Science and Technology Congress 2003 (MSTC 2003),* Cititel Midvalley, Kuala Lumpur, September 23-25, 2003.

Abdul Samad Haji Ismail, Noh Abdul Samad, Mohd. Foad Rohani, Mazura Mat Din and **Rashidah Kadir** (2003), "Simplifying the Development of Collaborative Courseware using JACIE Scripting Language", *Konvensyen Teknologi Pendidikan ke-16*, Melaka, Persatuan Teknologi Pendidikan Malaysia, Jun 13-16, 2003.

Anazida Zainal, Chee Tek Siang, Maznah Kamat, **Rashidah Kadir**, Mazura Mat Din and 'Urwah Saari (2003) "Ubiquitous Database in Mobile Healthcare", *Malaysian Science and Technology Congress 2003 (MSTC 2003),* Cititel Midvalley, Kuala Lumpur, September 23-25, 2003.

Abdul Samad Haji Ismail, Noh Abdul Samad, Mohd. Foad Rohani, Mazura Mat Din and **Rashidah Kadir** (2003), "Simplifying the Development of Collaborative Courseware using

JACIE Scripting Language", *Konvensyen Teknologi Pendidikan ke-16*, Melaka, Persatuan Teknologi Pendidikan Malaysia, Jun 13-16, 2003.

Mohd Aizaini Maarof, Abdul Samad Haji Ismail, Anazida Zainal, and **Rashidah Kadir** (2003), "Management of IT-based Classrooms Through Smart Laboratory Real-Time Management System", *Konvensyen Teknologi Pendidikan Ke-16*, Melaka, Persatuan Teknologi Pendidikan Malaysia, Jun 13-16, 2003.

Mohd Aizaini Maarof, Abdul Samad Haji Ismail, Anazida Zainal, **Rashidah Kadir** and Mazleena Salleh (2003), "Effective Management of IT-based Classrooms Through Smart Laboratory Real-Time Management System", *Aerospace, Information Technology, and Communications Seminar (SEMASITT'03),* Johore, Bahru, Malaysia, May 7, 2003.

Rashidah, K., Mohd Aizaini, M. & Azhar, A., "*Secret Sharing Scheme for Collaborative Access Using Smartcard*". Proc. 2nd World Engineering Congress, Sarawak, Malaysia, 21-25 July 2002, ICT pp 373 - 377 (2002).

Mazleena, Subariah, Muhalim & **Rashidah.** "*Steganography: Information Hiding Using Least Significant Bit*", Poster COSTAM 2002, Johor Bahru. (2002)

Mohd Aizaini Maarof, Mazleena Salleh, Abdul Samad Ismail, Anazida Zainal and **Rashidah Kadir** "*Smart Laboratory Real-time Management System*" Proc. CITRA 2002, Kuala Lumpur.

Mohd Aizaini Maarof, Anazida Zainal, **Rashidah Kadir** & Firoz Yusof Patel Dawoodi. "*CSCL : Collaborative Learning in Smart School*", COSTAM 2001, Univ. Sains Malaysia, Pulau Pinang. (2001)

Ab. Razak Che Hussin, Halina Mohamed Dahlan, Mahadi Bahari & **Rashidah Kadir**. **"***Kefahaman Tentang Perdagangan Elektronik Menerusi Internet*" Persidangan Kebangsaan Pertama Keusahawanan Dan Perniagaan Kecil, Langkawi, Malaysia. (2001)

Mahadi Bahari, **Rashidah Kadir,** Ab. Razak Che Hussin & Halina Mohamed Dahlan. "*Aplikasi Perdagangan Elektronik Berasaskan Web (APE Web)*". Persidangan Kebangsaan Pertama Keusahawanan Dan Perniagaan Kecil, Langkawi, Malaysia. (2001)

Rashidah, K. & Mohd Aizaini, M., "*Secret Sharing Scheme for Collaborative Access*". Proc. National Conference on Telecommunication Technology 2000, UTM-IEEE Malaysian Section, Johor Bahru, Malaysia, 20-21 November 2000, pp D-6 – D-9 (2000).

Technical Report

Rashidah Kadir, Mazleena Salleh, Mazura Mat Din and Maheyzah Siraj "Measuring and Assessing Levels of Public Security Awareness" Reseach University Grant, *Technical Report,* August, 2013.

Rashidah Kadir, Mohd Aizaini Maarof and Rosdiana Shahril "A Chaotic Based Encryption Scheme for Scalable Video Coding" E-Science Grant, MOSTI *Technical Report,* Mac 2012.

Rashidah Kadir, Mazura Mat Din, Maheyzah Md Siraj and Mohd Fariduddin "Online Survey To Evaluate Information Security Awareness Among Student" Research University Grant, UTM *Technical Report,* 7 Dec. 2011

Rashidah Kadir, and Y. M. Ro, "Video Encyption using JSVM -Testing and analysis" IVY Labs, Information & Communications University, Korea *Technical Report*, Mac. 2010.

Rashidah Kadir and Mohd Aizaini Maarof, "An Improved Chaotic Based Encryption Scheme for Scalable Video Coding" Universiti Technologi Malaysia *Technical Report (PhD Proposal)*, Feb. 2008.

Rashidah Kadir and Y. M. Ro, "A Review: Scalable Protection for Scalable Video Coding" IVY Labs, Information & Communications University, Korea *Technical Report*, Feb. 2007.

 Reports

- Paperwork for COPPA, Fakulti Sains Komputer & Sistem Maklumat, UTM (2011)

- Paperwork for B. Cs. Bioinformatics, Fakulti Sains Komputer & Sistem Maklumat, UTM (2006)

- Paperwork for B. Cs. Computer Networks and Security, Jabatan Sistem Komputer dan Sistem Maklumat, Fakulti Sains Komputer & Sistem Maklumat, UTM (2005)

- Curricular Enrichment for MSc. Information Security Program, Fakulti Sains Komputer & Sistem Maklumat, UTM (2005)

- Final Year Thesis Writing Handbook, Jabatan Sistem Komputer dan Sistem Maklumat, Fakulti Sains Komputer & Sistem Maklumat, UTM (2004).

- Master of Science (Computer Science) – Computer and Network Security: Proposal Paperwork (2002)

H. COMMITTEES

- Committee Member for COPPA, Fakulti Sains Komputer & Sistem Maklumat, UTM (2011)

- Secretariat Committee for International Symposium on Bio-Inspired Computing. (2005)

- Member of Media and Protocol Committee for National ICT Education Conference. (2004)

- Member of Co-curriculum Bachelor of Computer Science Committee for Bioinformatics Computing Program UTM. (2003-2004)

- Member of Information Technology Indexs Committee for Science & Technology Encyclopedia UTM-DBP Project. (2003-2004)

- Member of Technical/Secretariat Committee for IT Competition Schlumberger – UTM (2001)

- Member of Secretariat Committee for 5th Multilingual Information Technology (MLIT-5) and 14th Asian Forum on Standardization of Information Technology (ASFIT-14) (2000)

- Member of Secretariat Committee for National Conference on Computer Graphics and Multimedia (CoGRAMM) (July 2002 - present)

I. PROFESSIONAL MEMBERSHIP

- ACM Computer Society

- Malaysia Information Security Professional