



CURRICULUM VITAE

Name: Mohd Hazali Mohamed Halip

Date/Place of Birth: 29th August 1970 / Singapore

IC Num: 700829715073

Sex: Male

Nationality: Malaysian

Marital Status: Married with 2 children

Mailing Address: Jabatan Sains Komputer,
Fakulti Sains dan Teknologi Pertahanan,
Universiti Pertahanan Nasional Malaysia,
Kem Sungai Besi,
Kuala Lumpur 57000,
Malaysia.

Telephone: 03-90513400 ext 4522 (Office)
012-3725680 (HP)

Email Address: hazali@upnm.edu.my

Current Post: Associate Professor (DS54)



Formal Education:

Year	School	Level
1977-1981	Sekolah Rendah Jalan Semenyih, Kajang, Selangor.	Penilaian Darjah Lima
1983-1985	Sekolah Menengah Bandar Baru Bangi, Selangor	Sijil Rendah Pelajaran
1986-1987	Sekolah Menengah Teknik, Kuala Lumpur	Sijil Pelajaran Malaysia

Academic Qualifications:

Year	Institutional	Level
1991	Universiti Teknologi Malaysia	Diploma (Computer Science)
1993	Universiti Teknologi Malaysia	BSc. (Computer Science)
1995	University of Nottingham, UK	MSc. (Information Technology – Specialization in Digital Electronics)
2008	EC-Council	Certified Ethical Hacker

Working Experiences:

Period	Position	Institutional
2012 - present	Assoc. Professor	Jabatan Sains Komputer, UPNM
2010 – 2011	Senior Lecturer	Jabatan Sains Komputer, UPNM
2007 – 2010	Lecturer	Jabatan Sains Komputer, UPNM
1999 - 2007	Lecturer	Jabatan Sains Komputer, UKM
1994 – 1999	Tutor	Jabatan Sains Komputer, UKM

Administration/Management Experiences:

Period	Position	Institutional
2 Jan 2014 - present	Research Fellow	Pusat Keselamatan Siber, UPNM
2 Feb 2010 – 1 Jan 2014	Deputy Dean	Fakulti Sains dan Teknologi Pertahanan, UPNM
1 Jun 2008 – 1 Feb 2010	Head of Department	Jabatan Sains Komputer, UPNM

A.1 Research Projects

Title	Members	Grant	Year	Total (RM)
Optimal command and method for malaysian army small units in a dipterocarp forest environment	Co-Researchers	ERGS (ERGS/1/11/PK/02/18)	2011 hingga 2013	RM77,545

Development of a Search and Rescue Tactical Management System (SARTAMS) Working Prototype for Commercialization Purposes Based on FRGS Research - FRGS/2/2010/SG/UPNM/03/1 - Optimal Grid pattern model for search and rescue operation in dipterocarp forest	Co-Researchers	PRGS (PRGS/1/2012/BK/06/UPNM/02/1)	2012 hingga 2014	RM234,000
Rotary Wing UAV For Formation Search and Rescue Operation in Dipterocarp Forest	Co-Researchers	KTP Flagship (F-ECO/5(UPNM-12)	2012-2014	RM83000
Developing a Malaysian Forest Battlefield Environment Simulator for Malaysian Army Small Unit Tactics	Co-Researchers	MDEC Innovation Voucher (IC/RDC/L/MMD/2013/09/151)	2013	RM10000

B. Publications

Journal Articles:

Fatin Farhana Abd Khalid, Syed Nasir Alsagoff and **Mohd Hazali Mohamed Halip**, 2013, Effective Method of Mobile Human Computer Interface for Military Operation Training, Advances in Visual Informatics. Lecture Notes in Computer Science Volume 8237, pp 138-145.

Mohd Hazali Mohamed Halip, Mohd Afizi Mohd Shukran, Omar Zakaria, Syed Nasir Alsagoff Syed Zakaria, 2012, Detection of Steganographic Messages in Email Attachment, Modern Applied Science, Vol. 6, No. 11.

Mohd Rizal Bin Mohd Isa, Mohd Afizi Mohd Shukran, Mohammad Adib Khairuddin, Yuhanim Hani binti Yahaya, **Mohd Hazali Mohamed Halip** and Kamaruzaman Maskat, 2012, The Design of Fingerprint Biometric Authentication on Smart Card for PULAPOT Main Entrance System, IJACT: International Journal of Advancements in Computing Technology, Vol. 4, No. 16, pp. 487 ~ 492.

Zulaikha, M.R., Suriah, A.R., Zalifah, M.K., Wan Aida, W.M., **Mohd Hazali, M.H.**, Zulmadi, A. and Ummul Fahri, A.R., 2011, Nutritional Status and Physical Activities

among Army Trainees in Public Institutions of Higher Education in Malaysia, Journal of Food and Nutrition Sciences, Vol. 2 No. 6.

Zarina Shukur, Nursyahidah Alias, Bahari Idrus dan **Mohd Hazali Mohamed Halip**, 2009, Penspesifikasian dan Pengesahsahihan Formal Protokol CSMA/CD Menggunakan Z, Jurnal Kejuruteraan, Universiti Kebangsaan Malaysia . Jilid 21, 2009.

Zarina Shukur, Nursyahidah Alias, **Mohd Hazali Mohamed Halip** and Bahari Idrus, 2007, Formal Validation of the Safety Property of SACK Protocol Using Theorem Proving Technique, Journal of Computer Science, 3960: 449-453. Science Publications.

Zarina Shukur, Nursyahidah Alias, **Mohd Hazali Mohamed Halip** and Bahari Idrus, 2006, Formal Specification and Validation of Selective Acknowledgement Protocol using Z/EVES Theorem Prover, Journal of Applied Sciences 6 (8): 1712-1719.

Proceedings Articles:

Mohd Hazali Mohamed Halip, Omar Zakaria dan Nor Fatimah Awang, 2010, Mengesan Mesej Steganografi dalam Lampiran Emel, Kolokium Fakulti Sains dan Teknologi Pertahanan 2010, UPNM.

Omar Zakaria and **Mohd Hazali Mohamed Halip**, 2010, Information Security Culture Principles, Kolokium Fakulti Sains dan Teknologi Pertahanan 2010, UPNM.

Nor Fatimah Awang, **Mohd Hazali Mohamed Halip**, Siti Rohaidah Ahmad, Arniyati Ahmad dan Ahmad Nabil Ahmad Iskandar, 2010, Sistem Bantuan Komunikasi dan Penghantaran Data Dalam MANET Menggunakan Mekanisma Kepercayaan (Trust Mechanism) : Satu Prototaip, Kolokium Fakulti Sains dan Teknologi Pertahanan 2010, UPNM.

Mohd Rizal Mohd Isa, Yuhanim Hani Yahaya, **Mohd Hazali Mohamed Halip**, Mohammad Adib Khairuddin and Kamaruzaman Maskat, 2010, The Design of Fingerprint Biometric Authentication on Smart Card for PULAPOT Main Entrance System, Proceedings of the 4th International Symposium on Information Technology (ITSIM 2010), Kuala Lumpur.

Nur Ilhami, M.I. , Suriah, A.R. , Zalifah, M.K. , **Mohd Hazali, M.H.** , Wan Aida, W.M. & Ummul Fahri, A.R., 2010, Body composition of Military Cadet Officers Undergoing Training at Sungai Besi, Malaysia. Proceeding of the International Seminar on Food & Agricultural Sciences 2010, 17 November 2010, Bukittinggi, Indonesia.

Mohd Hazali Mohamed Halip and Mohd Lazim Abdul Raoh, 2009, Stegasniff : A Packet Sniffer for Steganography Detection, Proceedings of the Asia Pacific Conference on Defence & Security Tecnology (DSTC 2009), Kuala Lumpur.

Nursyahidah Alias, **Mohd Hazali Mohamed Halip**, Zarina Shukur dan Bahari Idrus, 2005, Specification Of Selective Acknowledgement Protocol Using Z Language, Second International Conference On Research And Education In Mathematics (ICREM2), pg 444-452.

C. Membership of Committee/Advisor (if any)

Present

Majlis Dekan ICT IPTA, 2008 till present

- Wakil Tetap UPNM

Persatuan Capaian Maklumat dan Pengurusan Pengetahuan (PECAMP), 2009 till present

- Committee Member

Malaysian National Computer Confederation (MNCC), 2009 till present

- Member

Malaysian Information Technology Society (MITS), 2010 till present

- Member

Secretary for the Persidangan Kebangsaan Capaian Maklumat dan Pengurusan Pengetahuan 2008 (CAMP 08), 18 March 2008, Palace Beach & Spa, Mines, Seri Kembangan, Kuala Lumpur, Malaysia.

Publicity Committee and Technical Committee for the International Symposium on Information Technology 2008 ITSIM'08, 26-28 August 2008, Kuala Lumpur, Malaysia.

Secretary for the International Conference on Information Retrieval and Knowledge Management CAMP'10, 16 – 18 March 2010, Shah Alam, Malaysia.

Technical Committee and Program Committee for the International Symposium on Information Technology 2010 ITSIM'10, 15-17 June 2010, Kuala Lumpur, Malaysia.

Chairman for Kolokium Sains dan Teknologi Pertahanan 2010, 8 December 2010, Universiti Pertahanan Nasional Malaysia, Kuala Lumpur, Malaysia.

Chairman for Kolokium Sains dan Teknologi Pertahanan 2012, 10 April 2012, Universiti Pertahanan Nasional Malaysia, Kuala Lumpur, Malaysia.

D. Other Academic Activities

Awards:

Bronze Medal, Pixel Value Access Control, International Conference and Exposition on Invention of Institutions of Higher Learning 2013 (PECIPTA'13), KPM, 2013, co-researchers.

Sijil Prestasi Cemerlang, UPNM, 2012

Silver Medal, PQManager: Perisian bagi menyunting dan mengurus Soalan Pengaturcaraan C, Ekspo Penyelidikan dan Inovasi 2005, UKM, 2005, co-researchers.

Anugerah Perkhidmatan Cemerlang UPNM, 2008.