

KHAIRUL AZAMI SIDEK

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EDUCATION

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|---|-------------|
| International Islamic University Malaysia (IIUM) Post. Dip. Islamic Reveal Knowledge | 2007 |
| National University of Malaysia (UKM) M.Eng Communication and Computer Engineering CGPA : 3.51 / 4.00 Thesis : Performance Evaluation of Handover Process for IEEE 802.16e Broadband Wireless Access System | 2007 |
| International Islamic University Malaysia (IIUM) B.Eng (Honors) Computer and Information Engineering CGPA : 3.41 / 4.00 (Second Class Upper) Thesis : AntNet : Mobile Agent Routing Algorithm For Data Networks | 2004 |

AWARDS AND APPRECIATIONS

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| Rector's Award (Excellent Performance in Co-Curricular Activities at National Level) in conjunction with the 20 th IIUM Convocation Ceremony 2004. | 2004 |
| Presented the Valedictory Speech in the 20 th IIUM Convocation Ceremony 2004 entitled "Facing the Future Challenges with Moderate Islam and Soft Skills". | 2004 |
| 3 semesters of Dean's List Award. | 2002 – 2003 |

WORKING EXPERIENCE

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|---|-------------------------------------|
| Lecturer Department of Electrical and Computer Engineering, Faculty of Engineering, IIUM | January 2007 - present |
| Assistant Lecturer Department of Electrical and Computer Engineering, Faculty of Engineering, IIUM | April 2004 – December 2006 |
| Part-Time Administrative Assistant (N17) (IT Assistant) Student Development and Co-curricular Activity Division (SDev), IIUM [Responsible to create and maintain the homepage for SDeV.] | October 2003 – December 2003 |

Part-Time Tutor

For C Programming, Data Structures and Algorithm Design and Electric Circuit Analysis
Faculty of Engineering,
International Islamic University Malaysia
[Responsible to assist and tutor the students in the related subjects.]

July 2001 – October 2003

TAUGHT COURSES

ECE 1101: ENGINEERING LAB 1
ECE 1113: COMPUTING SYSTEMS AND PROGRAMMING
ECE 2111: DIGITAL LOGIC DESIGN
ECE 3219 / 3229: SEMINAR 2

RESEARCH INTEREST

Wireless communication, personal and radio communication network.

RELATED EXPERIENCE**Team Member**

Royal Malaysian Navy Patrol Vessel Program
[Performing the Pre-Factory Acceptance Test (Pre-FAT) for Patrol Vessel No. 5 in order to fulfill the requirement of the Factory Acceptance Test. Inspecting, calibrating, testing the functions and installing Integrated Communication Systems.]

23rd June 2008 – present**Registration Committee**

International Conference on Computer and Communication Engineering 2008 (ICCCE'08)
Organized by the International Islamic University Malaysia (IIUM)

13th – 15th May 2008**Technical Committee**

International Conference on Engineering Professional Ethics and Education 2008 (ICEPEE '08)
Organized by the International Islamic University Malaysia (IIUM)

13th – 15th May 2008**Participant (Representative for IIUM)**

Faculty Sabbatical Program (FSP) held in Satyam Computer Ltd, Hyderabad, India
Organized by the Ministry of Higher Education Malaysia and Satyam Computer Ltd, Hyderabad, India
[To reduce and aligned the gap between the academia and the industry to produce business-ready talent graduates. The scope includes technology, process and essential behavioral traits. In addition, also exposed to real life projects and understand critical factors that can ensure success.]

February – March 2008

Participant (Representative for IIUM)

Faculty Development Program (FDP) held in Uniten Bangi, Selangor, Malaysia
Organized by the Ministry of Higher Education Malaysia and Satyam Computer Ltd, Hyderabad, India
[To share teaching practices in the domains of behavior and software technology. Soft skills sessions covered important aspects like Focusing on Strengths, Managing Time, Creative & Critical Thinking, Communication, Team Values and Embracing Change.]

26th – 30th November 2007**Chairman**

Islamic Enhancement and Evaluation Program (IEEP'07) for the Faculty of Engineering, IIUM
[Lead and organized the team building program for the faculty. Above others, the objective was to strengthen the bonds between the faculty staff members and to setup a discussion between the faculty members to reflect the future plan of the faculty for improvements.]

18th – 20th June 2007**Practical Trainee**

At Perusahaan Otomobil Nasional Berhad (PROTON)
[Undergone Engineering Internship Training in the Component, Material, Strength and Safety Lab (CMSS), Research and Development Division, PROTON, Shah Alam, Selangor. Created a inventory management system for the laboratory equipments. Also provided IT support that involved installation of software and troubleshooting PCs.]

17th March 2003 – 7th June 2003

President

Engineering Student Society (ENGINIUS IX)
Faculty of Engineering,
International Islamic University Malaysia
[Lead and organized the activity for the society and became the liaison person between the student and the administration of the Faculty and the University.]

November 2002 – October 2003

Director

Engineering Exhibition 2002 (EngiTex 2002)
Engineering Student Society (ENGINIUS IX)
Faculty of Engineering,
International Islamic University Malaysia
[Lead in organizing the exhibition to expose students to the real world of engineering by inviting several companies from the industry to participate, organized talks from the Board of Engineers Malaysia (BEM) and invited secondary schools to participate in engineering competitions.]

July 2002

Freelance Web Designer

For Globalpro Consulting Sdn Bhd (Malaysia)
[Designed and developed the company's website.]

September – October 2004

Web Designer

For Student Development and Co-curricular Activity Division (SDev), Co-curricular Activity Centre (CCAC) and the Office of the Deputy Rector (Student Affairs and Development Division)
International Islamic University Malaysia
[Developed and perform maintenance for the related department's website.]

July 2002 – January 2004

PUBLICATIONS AND PAPERS

CONFERENCES

Shariq Haseeb, **Khairul Azami Sidek**, Ahmad Faris Ismail, Lai W. K. and Aw Yit Mei, "*Mobile Agents Based Routing Algorithm for Data Networks*", Proceedings of the International Conference on Advancement in Science and Technology (iCast 2003), Kuala Lumpur, pp. 39 - 41, 2003.

Shariq Haseeb, **Khairul Azami Sidek**, Ahmad Faris Ismail, Lai W. K. and Aw Yit Mei, "*AntNet : Mobile Agent Routing Algorithm For Data Networks*" Proceedings of the Malaysian Science and Technology Congress (MSTC 2003), Kuala Lumpur, 2003.

JOURNAL

Shariq Haseeb, **Khairul Azami Sidek**, Ahmad Faris Ismail, Lai W. K. and Aw Yit Mei, "*ANTNET: A Robust Routing Algorithm for Data Networks*", IUM Engineering Journal, Vol. 5, No. 1, pp. 1 - 12, 2004.

SUPERVISION FOR FINAL YEAR PROJECT STUDENTS

COMPLETED

Project Title : The study of handover process in Mobile WiMax
Name of Students : Ani Rohaya Zamzuri and Habibah M Saleh
Year of Completion: 2008

IN PROGRESS

Project Title : Design and development of a Control Management System (CMS) : EIT portal
Name of Students : Abdul Aziz Mansor and Mohamad Zaid
Expected Year of Completion : End of 2008

Project Title : Performance Analysis of Vertical Handover between WiFi and WiMax
Name of Students : Nadia Tahzir and Dina Azureen Saidina Omar
Expected Year of Completion : 2009

Project Title : Interactive Multimedia for Smart Kulliyah Directory System
Name of Students : Azliana Abd Rahman and Nor Hafidzah Abd Rasid
Expected Year of Completion : 2009

LANGUAGES

Malay – native language
English – speak fluently and read/write with high proficiency
Arabic– speak, read, and write with basic competence

REFERENCES

Prof. Dr. Sidek Baba
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International Islamic University Malaysia,
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