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Education

- 2014-2019 **UNIVERSITI TEKNOLOGI PETRONAS** **PERAK, MALAYSIA**
Ph.D. in Information Technology
Specialization: Artificial Intelligence, Cloud Computing, Business
Negotiation
Obtained grants of RM50,000 and RM100,000 for prototype and research
Published 2 Scopus journals and 2 conference papers and 1 ISI book chapter
- 2010-2013 **UNIVERSITI SAINS MALAYSIA** **PENANG, MALAYSIA**
MSc. (Computer Science)
Specialization: Data Mining, Artificial Intelligence, Childhood Obesity
Obtained grant of RM90,000 for research
Published 2 Scopus journals and 8 conference papers
- 2004-2008 **UNIVERSITI SAINS MALAYSIA** **PENANG, MALAYSIA**
Bachelor of Computer Science
(Major Computing & Software Engineering, Minor in Management)
- 2004-2005 **KEDAH MATRICULATION COLLEGE** **KEDAH, MALAYSIA**
Matriculation
- 2003 **PENANG FREE SCHOOL** **PENANG, MALAYSIA**
Sijil Pelajaran Malysa (equivalent to O`Level)

Work Experience

- 2017-Present **AUTO SOFT** **PENANG, MALAYSIA**
IT Consultant cum Trainer
 - Working with industry clients and make sales of more than RM15,000
 - Developed 13 websites and 4 systems
 - Collaborated with Persatuan Usahawan Bumiputera Ipoh Perak and UTP Technopreneurship Office
- 2018-2019 **UNIVERSITI TEKNOLOGI PETRONAS** **PERAK, MALAYSIA**
Software Engineer cum Research Officer
 - Developed a prototype named Continuous Combinatorial Double Auction Framework Prototype
 - Developed KIDOOS, Kids Obesity Observation System with IoT device
 - Participated in IoT Showcase in Can Tho, Vietnam

- 2014-2017 **UNIVERSITI TEKNOLOGI PETRONAS** **PERAK, MALAYSIA**
Graduate Research Assistant
- *Tutor for Structured Programming Subject*
 - *Prepared assignments and exam questions, and invigilated the exam*
 - *Supervised student projects*
 - *Attended project meetings with PETRONAS, UZMA and UUM*
- 2014 **NISSEI TECHNOLOGY SDN BHD** **PERAK, MALAYSIA**
System Analyst
- *Develop a framework for NISSEI data storing system*
 - *Led the IT department*
 - *Monitor the system and network of NISSEI across three factories*
- 2013-2014 **ALLIANZE U.C. OF MEDICAL SCIENCES** **PENANG, MALAYSIA**
IT Lecturer cum Program Coordinator
- *Teach Information Technology, Marketing, Management and Statistic subjects*
 - *Developed MQA documents for IT and Business Management Program*
 - *Coordinated Business Management Program*
 - *Presented the faculty for marketing project*
 - *Led and set-up in house printing center for student*
- 2009-2013 **UNIVERSITI SAINS MALAYSIA** **PENANG, MALAYSIA**
Research Assistant / Officer
- *Developed a Childhood Obesity Prediction System and a website for USM*
 - *Conducted childhood obesity and Artificial Intelligent research that obtained RM90,000 grant from Ministry of Higher Education*

Personal/Other

- 2019 **OWN A COPYRIGHT FOR CCDA SYSTEM**
Developed under the Prototype Research Grant Scheme
- 2019 **VOLUNTEER FOR TUITION FOR YOU PROGRAM**
Teach Form 3 and Form 5 students
- 2019 **RUNNER-UP CISD BADMINTON SINGLE TOURNAMENT**
Program under Computer and Information Sciences Department of Universiti Teknologi PETRONAS

Languages: Fluent in English and Bahasa Melayu

Additional Interests: Passionate about Data Science, football, badminton, business and charity



Muhamad Hariz Adnan, PhD

Computing Dept., Universiti Pendidikan Sultan Idris
 Verified email at fskik.upsi.edu.my - [Homepage](#)
[Artificial Intelligence](#) [Data Mining](#)

Cited by

	All	Since 2015
Citations	82	69
h-index	6	5
i10-index	2	2

Journal/Book Chapters

1. *Preliminary Analysis to Investigate Accuracy of Data Mining for Childhood Obesity and Overweight Predictions*, MH Adnan, W Husain, NAA Rashid, MF Hassan, *Advanced Science Letters* 24 (10), 7529-7533, 2018
2. *Business Level Objectives of Customer for Autonomous Cloud Service Negotiation*, MH Adnan, MF Hassan, IA Aziz, *Advanced Science Letters* 24 (10), 7524-7528, 2018
3. *Dynamic Pricing for Cloud Service Negotiation*, MHM Adnan, MF Hassan, *Advanced Science Letters*, 2015
4. *Hybrid approaches using decision tree, naive Bayes, means and Euclidean Distances for childhood obesity prediction*, MHM Adnan, W Husain, *International Journal of Software Engineering and Its Applications* 6 (3), 99-106, 2012
5. *A survey and future vision of double auctions-based autonomous cloud service negotiations*, Adnan, M.H., Hassan, M.F., Aziz, I.A., Rashid, N.A. (2019) *Advances in Intelligent Systems and Computing*, 843, pp. 488-498. (ISI Book Chapter)

Refereed & Indexed Conference Proceedings

1. *Protocols for agent-based autonomous negotiations: a review*, MHM Adnan, MF Hassan, I Aziz, *IV Papatungan, 3rd International Conference on Computer and Information Sciences (ICCOINS)*, 2016
2. *Myhealthykids: Intelligent obesity intervention system for primary school children*, W Husain, MHM Adnan, LK Ping, J Poh, LK Meng, *The Third International Conference on Digital Information Processing and Communications*, 2013
3. *A hybrid approach using Naïve Bayes and Genetic Algorithm for childhood obesity prediction*, MHBM Adnan, W Husain, *International Conference on Computer & Information Science (ICCIS)*, 2012
4. *A framework of a childhood obesity intervention using persuasive web-mobile technology*, LK Ping, JP Poh, LK Meng, W Husain, MHM Adnan, *International Conference on Computer & Information Science (ICCIS)*, 2012
5. *Parameter identification and selection for childhood obesity prediction using data mining*, M Hariz, BM Adnan, W Husain, NA Rashid, *2nd International Conference on Management and Artificial Intelligence*, 2012
6. *Data mining for medical systems: a review*, M Hariz, M Adnan, W Husain, NA Rashid, *Proceedings International Conference on Advances in Computer and Information Technology-ACIT*, 2012
7. *A framework for childhood obesity classifications and predictions using NBtree*, MHM Adnan, W Husain, *7th International Conference Information Technology in Asia (CITA 11)*, 2011

8. *A survey on utilization of data mining for childhood obesity prediction, MHBM Adnan, W Husain, F Damanhoori, 8th Asia-Pacific Symposium on Information and Telecommunication Technologies (APSITT), 2010*

Other Publications (Thesis)

1. *Double Auction-based Negotiation Framework for Heterogeneous and Multi-attributes Cloud Services, 2019*
2. *Childhood Obesity and Overweight Predictions Using Hybrid Data Mining Techniques, MHM Adnan, Universiti Sains Malaysia, 2013*

Trainings/Other Certifications

- *Entrepreneurship, Accounting, & Finance, Crash Course, UTP, 2019*
- *Fundamentals of Blockchain course, UTP, 2019*
- *CISD High Impact Factor Journal Publication Workshop, UTP, 2019*
- *Prior Art Search Workshop, UTP, 2019*
- *One Day Short Course on Data Science/Statistics Using R Language, UTP, 2018*
- *Workshop on Analytical Research Techniques Using SPSS (hands-on), UTP, 2018*
- *Machine Learning Seminar & Hands-on Fundamental of MATLAB, UTP, 2018*
- *Thesis Writing Workshop Series, UTP, 2018*
- *Shell Recruitment Seed, UTP, 2018*
- *Training: Conducting Patent Search & Determining Patentability, UTP, 2018*
- *FRGS and TRGS Research Grants Sharing Session, UTP, 2018*
- *Intro to Applied Data Science using MS Azure Workshop, UTP, 2018*
- *Global Entrepreneurship Community Summit, KLCC, 2017*
- *Upskilling and Reskilling the Work Force: Building an Army of Data Scientists for Industry 4.0, KLCC, 2017*
- *Data Mining with Weka, FutureLearn, 2017*
- *Can a Computer be Smart? Adjunct Professor Michael Krajecki (University of Reims, France), UTP, 2017*
- *Meta-Heuristic and Hyper-Heuristic Algorithms: Solving General Optimization Problem, Professor Kamal Zamli, KL, 2017*
- *Student Teacher Volunteer Training, UTP, 2017*
- *How to Publish a Paper in a Reputable Journal such as Q1 or Q2 with Considerable Impact Factor, UTP, 2017*
- *PRGS Coaching Session for PRGS Shortlisted Applicants, UTP, 2017*
- *Research Methodology Course, UTP, 2015*
- *Intel Ideation Camp, KL, 2014*
- *Leaders Entrepreneurship Acceleration Programme (LEAP), KL, 2014*
- *Advance Graduate Entrepreneurs Incubation Programme, KL, 2014*
- *Workshop on Systematic Literature Review, USM, 2012*
- *Workshop on Writing for Journal with Impact Factor, USM, 2011*
- *Knowledge Discovery Workshop, USM, 2010*
- *Workshop on Writing Technical Papers, USM, 2010*
- *Seminar on Computing in Health, USM, 2010*
- *Sun Educational Services Course: Java Programming Language, USM, 2010*

- *Oracle Training: Fundamentals of the Java Programming Language & Java Programming Language, USM, 2010*
- *Oracle Training: UNIX Essentials Featuring Solaris 10 OE, USM, 2010*
- *Workshop on Writing Technical Papers, USM, 2009*
- *Microsoft Certified Application Developer (MCAD) Certification Programme, USM, 2009*

References

AP. Dr. Mohd Fadzil Hassan

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