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CURRICULUM VITAE

Dr. Ahmad Abdallah Althunibat
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Al-Zaytoonah University of Jordan. Amman, Jordan, P.O.Box 130 Amman 11733 Jordan
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1. Personal Data

Date of Birth: November. 12th 1984;   **Place**: Jordan
Nationality: Jordanian

2. Education

- Ph.D. Software Engineering 2012, University Kebangsaan Malaysia (UKM), Malaysia

- M.Sc. Information Technology 2008, University Utara Malaysia (UUM), Malaysia

- B.Sc. Computer Science 2006, Mu'tah University, Al-karak, Jordan.

3. Ph.D. Dissertation

User Acceptance and Requirements Models for Mobile Government Services In Malaysia. University Kebangsaan Malaysia (UKM), Selangor, Malaysia

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4. Employment

Academic Positions

- Associate Professor Head of Software Engineering Department / Faculty of Science and   Information Technology Al-Zaytoonah University of Jordan. Amman, Jordan. September 2016-till now:

- Assistant Professor, Software Engineering Department. Faculty of Science and Information Technology Al-Zaytoonah University of Jordan. Amman, Jordan, 2012-2016.

- Instructor, Computer Science Dept. , Twintech International University College of Technology (TWINTECH), Malaysia, 2009-2010

Administrative Positions

- Chairman of Software Engineering Department / Faculty of Science and Information Technology Al-Zaytoonah University of Jordan. Amman, Jordan. September 2016-till now.

5. Research Interests

Software Requirements, Software Testing and Quality Assurance, Mobile Computing, Data Science, Mobile Services, e-Government, e-Business, User Experience, Mobile learning, and e-Learning.

6. Membership in Scientific Societies and Associations

- **A member of IEEE Jordan Section**.
- **ACM Chapter Member**
- **Reviewer member in Computers in Human Behavior Journal.** ISSN: 0747-5632 https://www.journals.elsevier.com/computers-in-human-behavior
- **Reviewer member in An International Journal of Computers & Education.**ISSN: 0360-1315 https://www.journals.elsevier.com/computers-and-education/
- **Reviewer member in Journal of Computer Science.** ISSN Print: 1549-3636 ISSN Online: 1552-6607 http://thescipub.com/journals/jcs

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7. Fellowships and Scholarships

- **AWARD:** UKM Zamalah Scholarship for Ph.D. students from the faculty of Science and Information Technology, in 2009-2012 the University Kebangsaan Malaysia (UKM), Malaysia.

9. Teaching Experience

- *Graduate Courses*

  Advanced Software Testing, Advanced Software Requirements Engineering, Advanced Software Design and Construction, Software Project Management, Research methods.

- *Undergraduate Courses*

  System Analysis and Design, Object-Oriented Analysis and Design, Software Requirements Engineering, Introduction to Software Engineering, , Database Systems, Object-Oriented Programming 1 (C++), Software Design and Construction, Petri Nets (Special Topics in Software Engineering), Software Testing, Software Quality Assurance, Software Maintenance and Re-engineering, and Rational Software Tools, e-Commerce, Information System Analysis and Design.

10. Supervision of Graduate Research

1.	Ghaith Aboguba	Software Requirements Classification using Machine Learning algorithms.
2.	Hdeel alqaisy	An Intelligent Prototype for Requirements Validation Process Using Machine Learning Algorithms
3.	. Hiba Aied Wasmi	Multi Biometric Authentication and Recognition System Based on Deep Learning Al-Zytoonah University of Jordan (2020/2021).
4.	Ahmad Bassam AlDasoqi	A Proposed Model Used Big Data Architecture to Improve Digital Economy in Jordan Al-Zytoonah University of Jordan (2020/2021).
5.	Raneem Abdalrhman Dawood	Propose a new quality model for children mobile learning applications Al-Zytoonah University of Jordan (2019/2020).
6.	Noor Ziad Al Abwaini	Propose an Acceptance Model of Using m-Government Services in Jordan From The Citizen Perspective Al-Zytoonah University of Jordan (2019/2020)

7. Mutaz Hakam Hasan — A New Technique To Transform Users Requirements "Stories" Into UML Models Al-Zaytoonah University of Jordan (2019/2020)

8. Tamara Jaber — A Proposed Code Inspection Model using Program Slicing Technique Al-Zaytoonah University of Jordan (2019/2020)

11. Grants

Title & Year	Source & Amount (U.S. $)
1. Developing university timetable management system using evolutionary algorithms: Case study Al-Zytoonah university of Jordan.2014-2015.	The Al-Zaytoonah University of Jordan 25000$
2. Developing a new quality model for software evaluation and selection (a case study of healthcare software in Jordan). 2017-2019.	The Al-Zaytoonah University of Jordan 23000$
3. A New Quality Model for Measuring Big Data Applications. 2019-2020.	The Al-Zaytoonah University of Jordan 20000$
4. Study the relationship between e-government and digital economy in Jordan: challenges and opportunities. 2019-2020.	The Al-Zaytoonah University of Jordan 10000$
5. Propose a Quality Model of Technical Aspects for Mobile Learning services for School Students: An Empirical Study. 2020-2021	The Al-Zaytoonah University of Jordan 15000$

12. **Membership of Committees**

- **University**

- Head of Departmental Curriculum Committee in Software Engineering Dept., the faculty of science and information technology, Al-Zaytoonah University of Jordan.2012-till Now
- Member in the Faculty Council of the faculty of science and information technology, Al-Zaytoonah University of Jordan, 2015- till Now
- Head of Equalization school materials Committee in the Software Engineering Dept., the faculty of science and information technology, Alzytoonah University of Jordan, 2016- till Now
- Member of the Quality Assurance Committee in the faculty of science and information technology, Al-Zytoonah University of Jordan, 2015- till Now
- Member in the scientific Committee in the faculty of science and information technology, Al-Zaytoonah University of Jordan, 2016- till Now
- Head of the Graduation Project Committee in the faculty of science and information technology, Al-Zaytoonah University of Jordan, 2016- till Now.
- Head of the Course Plan Committee in the faculty of science and information technology, Al-Zaytoonah University of Jordan, 2015- till Now.
- Head of the Postgraduate Programs Committee, in the faculty of science and information technology, Al-Zaytoonah University of Jordan, 2016- till Now.
- Member of College Examination Committee in the faculty of science and information technology, Alzytoonah University of Jordan 2013, 2014, 2015;

13. **Professional and Scientific Meetings**

Scientific Meetings Organized

1. TPC Chair in the ICIT2021 The 10th International Conference on Information Technology (ICIT 2021) http://icit.zuj.edu.jo/icit2021/Index.html,2021, Amman ,Jordan

2. TPC Chair in the 2019 IEEE Jordan International Joint Conference on Electrical Engineering and Information Technology (JEEIT) www.jeeit.net, 2019, Amman ,Jordan

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3. TPC member in 2019 The 2nd International Conference on Information Management and Processing (ICIMP 2019) will be held during January 10-12, 2019 at Schlossplatz 1 - A-2361 Laxenburg, Austria http://icimp.org/

4. Member of the Organizing Committee in The 7th International Conference on Information Technology ICIT 2015, May 12-15, 2015 AL-Zaytoonah University of Jordan, Amman, Jordan http://icit.zuj.edu.jo/icit15/default.aspx

5. Member of the Organizing Committee in The 6th International Conference on Information Technology ICIT 2013, AL-Zaytoonah University of Jordan, Amman, Jordan. https://www.zuj.edu.jo/conferences/ICIT13/index.html

Participation in Scientific meetings

1. G. Y. Quba, H. Al Qaisi, **A. Althunibat** and S. AlZu'bi, "Software Requirements Classification using Machine Learning algorithm's," 2021 International Conference on Information Technology (ICIT), 2021, pp. 685-690, doi: 10.1109/ICIT52682.2021.9491688. Amman, Jordan**, Published by IEEE Xplore Digital. Library**

2. O. Almomani, M. A. Almaiah, A. Alsaaidah, S. Smadi, A. H. Mohammad and **A. Althunibat**, "Machine Learning Classifiers for Network Intrusion Detection System: Comparative Study," 2021 International Conference on Information Technology (ICIT), 2021, pp. 440-445, doi: 10.1109/ICIT52682.2021.9491770. Amman, Jordan, **Published by IEEE Xplore Digital. Library**

3. H. Wasmi, M. Al-Rifaee, **A. Thunibat** and B. Al-Mahadeen, "Comparison between proposed Convolutional Neural Network and KNN For Finger Vein and Palm Print," 2021 International Conference on Information Technology (ICIT), 2021, pp. 946-951, doi: 10.1109/ICIT52682.2021.9491737. Amman, Jordan **Published by IEEE Xplore Digital. Library**

4. T Jaber, M Abdallah, **A Al-thunibat**. A Proposed Code Inspection Model using Program Slicing Technique. 2020 IEEE 5th International Conference on Computing Communication and Automation (ICCCA). Online, **Published by IEEE Xplore Digital. Library**

5. Feras Hamed Al-Tarawneh, **Ahmad Althunibat**. Pilot Study of Healthcare COTS Software Evaluation and Selection, **2019** Proceeding IEEE Jordan International Joint Conference on Electrical Engineering and Information Technology (JEEIT), Amman, Jordan **Published by IEEE Xplore Digital. Library**

6. **Ahmad Althunibat**, Bassam M Al-Mahadeen, Feras Altarawneh, Fuad Ali Al–Qarem. The Acceptance of using Enterprise Resource Planning (ERP) System in Higher Education: A Case Study of Jordanian Universities. , **2019** Proceeding

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IEEE Jordan International Joint Conference on Electrical Engineering and Information Technology (JEEIT), Amman, Jordan **Published by IEEE Xplore Digital Library.**

7. **Ahmad Althunibat,** The Readiness of Using Enterprise Resource Planning (ERP) System in Higher Education: A Case Study of Jordan Universities, 34th IBIMA Conference: 13-14 November **2019**, Madrid, Spain **Published by IEEE Xplore Digital Library.**

8. **Ahmad Althunibat**, Ali Al Zahrawi The acceptance of using Enterprise Resource Planning (ERP) System in Higher Education: A case study of Jordan universities, proceeding of the International Conference on Information Management and Processing (ICIMP **2018**), London, UK **Published by IEEE Xplore Digital Library.**

9. **Ahmad Althunibat**, Thamer A. Alrawashdeh, and Mohammad I. Muhairat The Acceptance of Using M-Government Services in Jordan. 2014 Proceeding International Conference of Information Technology New Generation ITNG **2014**, las Vegas, USA **Published by IEEE Xplore Digital Library.**

10. **Ahmad Al Thunibat**, A., Zin, N. A. M. And Ashaari, N. S. **2009**. Acceptance and use of Mobile Government by Malaysian Citizens. Proceedings of the mLife 2009 Conference & Exhibitions, London, UK **Published by IEEE Xplore Digital Library.**

11. **Ahmad Althunibat**, A., Zin, N. A. M. And Ashaari, N. S. 2010. Mobile Government services in Malaysia: Challenges and Opportunities. Proceeding of the International Symposium in Information Technology (ITSim), **2010**. pp.1244-1249. Malaysia, **Published by IEEE Xplore Digital Library.**

14. Publications

- **Ahmad Althunibat** , Mohammed Amin Almaiah, and Feras Altarawneh. "Examining the Factors Influencing the Mobile Learning Applications Usage in Higher Education during the COVID-19 Pandemic. **(2021)** " *Electronics* 10(21), 2676.

- **Ahmad Althunibat**, Wael Alzyadat, Mohammad Muhairat, Aysh Alhroob, and Ikhlas H. Almukahel. **(2021)** "An Approach to Acquire the Constraints Using Panel Big Data Hybrid Association Rule and Discretization Process for Breast Cancer Prediction." *Journal of Healthcare Engineering* 2021 (2021).

- **A Althunibat**, M Binsawad, MA Almaiah, O Almomani, A Alsaaidah,(**2021**). Sustainable Applications of Smart-Government Services:

A Model to Understand Smart-Government Adoption. *Sustainability* 13 (6), 3028.

- MA Almaiah, A Al-Khasawneh, **A Althunibat**, O Almomani (**2021**). Exploring the Main Determinants of Mobile Learning Application Usage During Covid-19 Pandemic in Jordanian Universities. *Emerging Technologies During the Era of COVID-19 Pandemic* 348, 275.

- Alrawashdeh, Thamer, Fuad ElQirem, **Ahmad Althunibat**, and Roba Alsoub. **(2021)** "A Prioritization Approach for Regression Test Cases Based on a Revised Genetic Algorithm." *Information Technology and Control*, 50(3) , 443-457.

- MA Almaiah, O Almomani, A Al-Khasawneh, **A Althunibat (2021)**. Predicting the Acceptance of Mobile Learning Applications During COVID-19 Using Machine Learning Prediction Algorithms. *Emerging Technologies During the Era of COVID-19 Pandemic* 348, 319

- Abuhamdah, Anmar, Malek Alzaqebah, Sana Jawarneh, **Ahmad Althunibat**, and Mustafa Banikhalaf.**(2021)** "Moth optimisation algorithm with local search for the permutation flow shop scheduling problem." *International Journal of Computer Applications in Technology* 65(3), 189-208.

- Almarashdeh, Ibrahim, Kamal Eldin Eldaw, Mutasem Alsmadi, Fahad Alghamdi, Ghaith Jaradat, **Ahmad Althunibat**, Malek Alzaqebah, and Rami Mustafa A. Mohammad. **(2021)** "The adoption of bitcoins technology: The difference between perceived future expectation and intention to use bitcoins: Does social influence matter?." *International Journal of Electrical & Computer Engineering (2088-8708)* 11(6).

- **A Althunibat**, B Alokush, SM Tarabieh, R Dawood (**2020**). Mobile Government and Digital Economy Relationship and Challenges. *Int. J. Advance Soft Compu. Appl* 13 (1).

- M Abduljawad, A Ahmad, KM Jaber, **A Al Thunaibat**, EA Maria (**2020**), .Evaluating and Adopting E-learning Systems in Al-Zaytoonah University of Jordan .*Int. J. Advance Soft Compu. Appl* 12 (3).

- M Abdallah, M Muhairat, **A Althunibat**, A Abdalla **(2020)**. Big data quality factors, frameworks and challenges. *Compusoft* 9 (8), 3785-3790

- Mohammed Amin Almaiah, Ahmad Al-Khasawneh, **Ahmad Althunibat (2020),** Exploring the critical challenges and factors influencing the E-learning system usage during COVID-19 pandemic, *Education and Information Technologies.* 25, 5261-5280

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- Yazan Al-Kasabera, Aysh AlHroob, Suleyman Al Showarah, **Ahmad Thunibat (2020),** An Automated Approach To Validate Requirements Specification, *Compusoft: An International Journal of Advanced Computer Technology.* 9 (2), 3578-3585

- Ahmad K Al Hwaitat, Mohammed Amin Almaiah, Omar Almomani, Mohammed Al-Zahrani, Rizik M Al-Sayed, Rania M Asaifi, Khalid K Adhim, **Ahmad Althunibat**, Adeeb Alsaaidah **(2020),** Improved Security Particle Swarm Optimization (PSO) Algorithm to Detect Radio Jamming Attacks in Mobile Networks, *Quintana.* 11 (4), 614-624

- Mohammed Almaiah, Ahmad Al-Khasawneh, **Ahmad Althunibat**, Saleh Khawatreh **(2020),** Mobile Government Adoption Model Based on Combining GAM and UTAUT to Explain Factors According to Adoption of Mobile Government Services, *International Journal of Interactive Mobile Technologies (iJIM)* . 14(3)

- TA Alrawashed, A Almomani, **Ahmad Althunibat**, A Tamimi **(2019)**: An Automated Approach to Generate Test Cases From Use Case Description Model. *Computer Modeling in Engineering & Sciences CMES*, 119(3), 409-425,

- **Ahmad Althunibat**, Ali Ahmad Zahrawi, Abdelfattah A. Tamimi, and Feras Hamed Altarawneh, (**2019**)"Measuring the Acceptance of Using Enterprise Resource Planning (ERP) System in Private Jordanian Universities Using TAM Model," *International Journal of Information and Education Technology* , 9(7) , 502-505, 2019.

- A Al-Hgaish, W Alzyadat, M Al-Fayoumi, A Alhroob, **Ahmad Althunibat (2019)** Preserve Quality Medical Drug Data toward Meaningful Data Lake by Cluster, *International Journal of Recent Technology and Engineering (IJRTE)* 8 (3).

- M Muhairat, M Abdallah, **Ahmad Althunibat (2019)** Cloud Computing In Higher Educational Institutions, Compusoft, *An International Journal of Advanced Computer Technology,* 8(12) , 3507-3513.

- Roba Khaled Alsoub, Thamer Ahmad Alrawashdeh, **Ahmad Al Thunibat (2018)** User Acceptance Criteria For Enterprise Resource Planning Software Systems, *International Journal of Innovative Computing, Information and Control,* 14 (1).

- brahim Almarashdeh, Mutasem Alsmadi, Ghaith M. Jaradat, **Ahmad Al Thunibat**, Sami Abdullah Albahussain, Yousef Qawqzeh, Usama Badawi, Tamer Farag(**2018**): Looking Inside and Outside the System: Examining the

Factors Influencing Distance Learners Satisfaction in Learning Management System. *Journal of Computer Science* 14(4): 453-465.

- Bassam M Al-Mahadeen, **Ahmad Al Thunibat**, Saeed Mza Tarabieh **(2017)** Measuring The Acceptance of Using Utms in Jordan Universities, *Journal of Theoretical & Applied Information Technology*, 95(14).

- **Ahmad Al Thunibat** and Mohammad I. Muhairat **(2016):** User Requirements Model For University Timetable Management System *International Journal of Software Engineering & Applications (IJSEA)*, 7(3), DOI : 10.5121/ijsea..7301 1

- **Ahmad Al Thunibat (2015)** Determining the factors influencing students' intention to use m-learning in Jordan higher education, Computers in Human Behavior 52, 65-71

- Ibrahim Almarashdeh, **Ahmad Al Thunibat** and Nur Fazidah Elias**, (2014)**. Developing a Mobile Portal Prototype for E-government Services. *Journal of Applied Sciences,*14(8),791-797.

- **Ahmad Al Thunibat**, Thamer A. Alrawashdeh, Mohammad I. Muhairat The **(2014)**Acceptance of Using M-Government Services in Jordan, *Journal of Theoretical and Applied Information Technology*. 63 (3), 643-644.

- Thamer A. Alrawashdeh, Mohammad I. Muhairat and **Ahmad Al Thunibat**. **(2013)** Evaluating Quality of Software in ERP Systems Using the ISO 9126 Model. *International Journal of Ambient Systems and Applications(IJASA)*, 1 (1), 1-9.

- Thamer A. Alrawashdeh, Mohammad I. Muhairat and **Ahmad Al Thunibat**. **(2013)**. A Software Quality Model of ERP System in Higher Education Institutions. *European Journal of Scientific Research (EJSR),* 99(1)

- **Ahmad Al Thunibat** , Zin, N. A. M. and Ashaari, N. S. (**2012**). Eliciting The User Requirements of Mobile Government Services In Malaysia Using Focus Group Method. *American Journal of Information Technology (AJIT)*.1(2)

- **Ahmad Al Thunibat**, Zin, N. A. M. and Ashaari, N. S**.(2012)** Modelling The Factors that Influence User Acceptance of the Mobile Government Services In Malaysia. *Australian Journal of Basic and Applied Sciences*.

- **Ahmad Al Thunibat** , Zin, N. A. M. and Ashaari, N. S. **(2011)**. Modeling the Factors that Influence Mobile Government Services Acceptance. *African Journal of Business and Management,* 5(34) : 13030-13043 DOI: 10.5897/AJBM11.2083

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- **Ahmad Al Thunibat**, Zin, N. A. M. and Sahari, N. **(2011)**. Mobile Government User Requirements Model. *Journal of E-Governance* 34(2): 104-111.

- **Ahmad Al Thunibat**, Zin, N. A. M. and Ashaari, N. S.(**2011**).The Effect of Social Influence on Mobile Government adoption in Malaysia. *Journal of Theoretical and Applied Information Technology.* 25(2).

- **Ahmad Al Thunibat** , Zin, N. A. M. and Ashaari, N. S**.(2011)**. Identifying User Requirements of Mobile Government Services in Malaysia Using Focus Group Method. *Journal of E-Government Studies and Best Practices*, Volume 2011 (2011), Article ID 141651, 14 pages, DOI: 10.5171/2011.141651