QFG11/0110 - 3.1E	Curriculum Vitae Form - Procedures of Appointment and Promotion Committee

CURRICULUM VITAE

Hani Mahmoud Al-Mimi

Information Technology – Cyber security/Faculty of Science and Information Technology,

Al-Zaytoonah University, Amman, Jordan

E-mail: hani.mimi@zuj.edu.jo

1. Education

- Ph.D. (Computer Science - Cryptology) 2014, University Sains Malaysia, Penang, Malaysia

- M.Sc. (Computer Science – Computer Networks) 2005, University of Jordan, Amman, Jordan

- B.Sc. (Computer Science) 2001, Alzaytoonah University of Jordan , Amman, Jordan

2. Ph.D. Dissertation

Single Scalar Point Multiplication Algorithms Based on New Recoding for Elliptic Curves over Prime Fields, University Sains Malaysia, Penang, Malaysia.

3. Employment

Academic Positions

- Assistant Professor, Department of Cybersecurity, Al-Zaytoonah University, Amman, Jordan
  October, 2014 – Now
- Lecturer, Computer Science, University, Al-Zaytoonah University, Amman, Jordan
  October 2005 – September 2009, October 2011 – September 2014

QFG11/0110 - 3.1E	Curriculum Vitae Form - Procedures of Appointment and Promotion Committee

Administrative Positions

- Head of Cybersecurity department, Faculty of Science and Information Technology, Al-Zaytoonah University, Amman, Jordan, October 2022 – September 2023
- Deputy Dean, Deanship of Scientific Research and Graduate Studies, Al-Zaytoonah University, Amman, Jordan
  October 2018 – September 2019
- Director, Technology Transfer Office, Al-Zaytoonah University, Amman, Jordan
  October 2017 – September 2020
- Chairman of Basic Sciences Department, Faculty of Science and Information Technology, Al-Zaytoonah University, Amman, Jordan, October 2015 – September 2016

4. Research Interests

- Cryptology
- Information security
- Computer Networks
- Artificial Intelligence and computer science in general

5. Honors and Awards
- B.Sc. with honor degree
- Distinguished Employee, ZUJ   2012
- Appreciation, ICT Organizing Committee   2012
- Distinguished Employee, ZUJ   2002

6. Fellowships and Scholarships

- USM Fellowship   2009 – 2010
- ZUJ Fellowship   1998 – 2001

9. Teaching Experience

- *Graduate Courses*

  Computer and Information Security course – 2016S2

- *Undergraduate Courses*

  Infrastructure Security using Linux, Ethical hacking, Data integrity and authentication, data and information security, Cryptography theory, Oracle 11g, Internet, Visual Basic 6, Visual C++ 6, Discrete Mathematics, Information Technology, Computer Security, Computer Programming (C++), Computer Skills

QFG11/0110 - 3.1E	Curriculum Vitae Form - Procedures of Appointment and Promotion Committee

1, System Analysis and design 1, Internet Technology, Professional Skills for Scientific Faculties, Network Security, Multimedia Systems

10. Grants

- Developing a new network intrusion detection system (NIDS) using machine learning algorithms, 2022-2023, Project Number 19/10/2022-2023
- Conference Management and Archiving System, 2013, Al-Zaytoonah University, 27850
- Integrated System for Improving the Usage of E-Learning in Higher Education: Al-Zaytoonah University of Jordan; A Case Study, 2013, Al-Zaytoonah University of Jordan 23880
- The role of business incubators in promoting entrepreneurship of higher education's institutions, 2020, Al-Zaytoonah University of Jordan, 6300
- TEJ (Towards a university Enterprise alliance in Jordan), 2013-2016 Tempus, 955,213
- RESCUE (Refugee Education Support in MENA Countries), 2016-2019 Erasmus+, 947,665

11. Membership of Committees

- **National and International**
  - *Technology and Innovation Support Centers committee*
- **University**
  1. *Scientific Research committee*
  2. *Faculty Website Committee*
  3. *Computing and eLearning committee*
  4. *Scientific Research Council*
  5. *International Accreditation Committee*
  6. *Quality Assurance Committee*
  7. *Equivalency, Guidance, Training and Graduates Follow-up Committee*
  8. *Faculty Council*
  9. *Co-Program Chair, Editing, Organizing, International Program, Technical committees for ICIT from 2001 – 2017, ICIT 2021, ICIT 2023*

12. Professional and Scientific Meetings

Scientific Meetings Organized

Event Title	Event Type	Country	Location	Date	Role
How to use Turnitin	Workshop	Jordan	ZUJ	2018	Organizing and presentation

QFG11/0110 - 3.1E	Curriculum Vitae Form - Procedures of Appointment and Promotion Committee

Preparing and formatting postgraduate theses	Workshop	Jordan	ZUJ	2018	Organizing and presentation
Patents and Intellectual Properties in cooperation with iPark	Workshop	Jordan	ZUJ	2017	Organizing
ICIT2017 International conference on IT 2017	Conference	Jordan	ZUJ	2017	Organizing
ICIT2013 International conference on IT 2013	Conference	Jordan	ZUJ	2015	Organizing
The Information Technology Colloquium	Conference	Jordan	ZUJ	2014	Organizing

Participation in Scientific meetings

Event Title	Event Type	Country	date	Role
Technical support project provided by the World Intellectual Property Organization (WIPO) for the development of intellectual property policies	Online workshop	Jordan	20200810 20200824	Participant and presenter
Erasmus How to prepare CBHE project proposal	Workshop	Jordan	20191209	Participant
Patent Cooperation Treaty workshop	Workshop	Jordan	20191106	Participant
Workshop on Invention Identification Guides	Workshop	Jordan	20191029	Participant
the next society project	Meeting	Jordan	20191013	Participant
RESCUE Supporting Visit	Meeting	Jordan	20190910	Participant and presenter
A workshop on the mechanism of support and investment in innovation and leadership projects	Workshop	Jordan	20190722	Participant
RESCUE Supporting Visit	Meeting	Jordan	20190527-29	Participant
UNIMED Dissemination Conference for R-SOS opening	Conference	Jordan	20190424	Participant and toastmaster
RESCUE Unimed Week 2019 in Brussels	Conference	Belgium	20190319-21	Participant and presenter
Industrial property search and investigation systems	Workshop	Jordan	20190217	Participant
Jordan R-SOS Awareness Campaign , RESCUE	Field visit	Jordan	20190226-28	Participant and presenter

QFG11/0110 - 3.1E	Curriculum Vitae Form - Procedures of Appointment and Promotion Committee

A workshop to introduce the mechanism of the Scientific Research Fund's work to receive, follow up and support innovative and pioneering projects	Workshop	Jordan	20190120	Participant
Workshop on Patent Cooperation Treaty (PCT)	Workshop	Jordan	20181106	Participant
"Researcher Connect Workshops" as part of the Newton-Khalidi Scholarship Fund	Workshop	Jordan	20180430	Participant
Participation in the Scientific Day of the Scientific Research Support Fund	Lecture	Jordan	20180328	Participant
Participation in a conference on refugees. JOSY refugee Conference	Conference	Jordan	20180307	Participant
A workshop on the Patent Cooperation Treaty	Workshop	Jordan	20180304	Participant
Workshop entitled: "Patent registration".	Workshop	Jordan	20171123	Participant
Launching the Schuman Society for Scientific Research and Innovation	Lecture	Jordan	20171105	Participant
Workshop on patent database search and development of technology and innovation support centers in Jordan	Workshop	Jordan	20171115-16	Participant
Workshop on "Launching and Introducing the Industrial Innovation Program" in the Amman Chamber of Industry	Workshop	Jordan	20171024	Participant
Erasmus Plus Fourth National Conference	Conference	Jordan	20171009	Participant
the next society project	Meeting	Jordan	20170807	Participant
A workshop to discuss the strategy of the National Center for Research and Development.	Workshop	Jordan	20170509	Participant
Technology Education, Entrepreneurship And Business Acceleration	Workshop	Jordan	20170405	Participant
The 1st National Conference on Research and Enterprise NCRE 2016.	Conference	Jordan	20160211	Participant
A workshop entitled: International Standards for the Entrepreneurial University in Jordan	Workshop	Jordan	20151116-17	Participant

A specialized training workshop in the field of communications and information technology (ICT(	Workshop	Jordan	20150910	Participant
International conference on IT 2015	Conference	Jordan	2017	Participant

13. Participation in or organization of curricular and/or extra-curricular activities

Scientific Meetings Organized

Event Title	Event Type	Country	Location	Date	Role
Entrepreneurship workshop in cooperation with Faculty of Business, Career guidance and alumni office and SPARK	Workshop	Jordan	ZUJ	2019	Organizing
Gaming course in cooperation with the Games Lab	Workshop	Jordan	ZUJ	2018	Organizing
A workshop entitled "Make your income from your home" in cooperation with Onlineers	Workshop	Jordan	ZUJ	2015	Organizing
A lecture on the advantages of the Android operating system with Optimum Solutions	Lecture	Jordan	ZUJ	2015	Organizing

14. Publications

M. Fezari, A. A. Dahoud, M. Arif, A. Al-Dahoud and **H. M. Al-Mimi**, "Sound Noise Monitoring using Wireless Sensor Networks in Annaba City," 2023 International Conference on Information Technology (ICIT), Amman, Jordan, **2023**, pp. 97-101, doi: 10.1109/ICIT58056.2023.10225878. (SCOPUS)

Suha Afaneh, Mohammad Rasmi Al-Mousa, Hilal Shrif Al-hamid, Bara'h Suliman AL-Awasa, Mohammad Alia, **Hani Almimi**, Ahmad A Alkhatib, "*Security Challenges Review in Agile and DevOps Practices*," 2023 International Conference on Information Technology (ICIT), Amman, Jordan, **2023**, pp. 102-107, doi: 10.1109/ICIT58056.2023.10226018. (SCOPUS)

S. Hamdan, M. Mizher, **H. Mimi**, E. A. Maria and A. M. Heyari, "*Feature Extraction with Differential Evolution Algorithm*," 2023 International Conference on Information Technology (ICIT), Amman, Jordan, **2023**, pp. 391-396, doi: 10.1109/ICIT58056.2023.10226067. (SCOPUS)

R. Abadla, A. Alseiari, A. Alheili, M. S. Daoud and **H. M. Al-Mimi**, "Intelligent Phishing Email Detection with Multi-Feature Analysis (IPED-MFA)," 2023 International Conference on Intelligent Computing, Communication, Networking and Services (ICCNS), Valencia, Spain, **2023**, pp. 12-18, doi: 10.1109/ICCNS58795.2023.10193714. (SCOPUS)

H. Alamereah, A. A. Alkhatib, S. Elmanaseer, R. N. Albustanji, **H. M. Al–mimi** and M. Al Rawajbeh, "*A Survey on Cyber Security in Smart Grids using Internet of Things,*" 2023 International Conference on Information Technology (ICIT), Amman, Jordan, **2023**, pp. 43-46, doi: 10.1109/ICIT58056.2023.10225873. (SCOPUS)

Hani Al-Mimi, Nesreen Hamad, Mosleh Abualhaj, Sumaya Al-Khatib, Mohammad Hiari. "*Improved Intrusion Detection System to Alleviate Attacks on DNS Service,*" Journal of Computer Science. **2023**. Accepted. (SCOPUS Q4)

Tzu-Chia Chen, **Hani Almimi,** Mohammad Sh. Daoud, John William Grimaldo Guerrero, Rafał Chorzępa. "*Selection of effective combination of time and frequency features using PSO-based technique for monitoring oil pipelines*," Alexandria Engineering Journal, Volume 82, **2023**, Pages 518-530, ISSN 1110-0168, https://doi.org/10.1016/j.aej.2023.10.026 (SCIE IF 6.8, CS 9.1).

Firas Rifai, **Hani Al-mimi**, Mohammad Rasmi Al-Mousa, Ali Aldahoud, Belal Mahmoud AlWadi. "*The Role of Business Incubators s in Promoting Entrepreneurship of Higher Education Institutions.*" Journal of Namibian Studies, 33(1), pp. 906-924, 2023. (SCOPUS Q2)

Hani Al-Mimi, Nesreen A. Hamad, Mosleh M. Abualhaj, Mohammad Sh. Daoud, Ali Al-dahoud, Mohammad Rasmi. "*An Enhanced Intrusion Detection System for Protecting HTTP Services from Attacks*". International Journal of Advances in Soft Computing and Its Applications, **2023** (Accepted-Journal-Scopus)

Hani Al-Mimi, Nesreen A. Hamad, Mosleh M. Abualhaj, "*A Model for the Disclosure of Probe Attacks Based on the Utilization of Machine Learning Algorithms*". International Conference on Computer Engineering, Technologies and Applications (CETA), **2023** (Accepted-Conference-Scopus)

Ali Al-Dahoud, Mohamed Fezari, Ahmad Ali Al-Dahoud, Ahmad Alkhatib, **Hani AlMimi**. "*Cost Efficient IoT as Wearable Device in E-Health Monitoring System for Elderly People*", 18th Annual Scientific International Conference for Business, **2023** (Accepted-Conference-Scopus)

Daoud, M.S., Shehab, M., **Hani Al-Mimi**. et al. *"Gradient-Based Optimizer (GBO): A Review, Theory, Variants, and Applications."* Archives of Computational Methods in Engineering, 30, 2431–2449 (**2022**). https://doi.org/10.1007/s11831-022-09872-y. (Journal-ISI IF 8.967)

Hani Al-Mimi, Yousef Alrabanah, Mosleh M. Abualhaj, and Sumaya N. Al-khatib, *"Enhancing Bandwidth Utilization of IP Telephony over IPv6 Networks."*, Computer Systems Science and Engineering, Vol.44, No.2, pp. 1039-1049, **2022**. (Journal-ISI IF 1.486)

Hani Almimi, Ali Aldahoud, Mohamed Fezari, Mohammad Sh. Daoud, "*A Study on New Arduino NANO Board for WSN and IoT Applications*." International Journal of advanced science and technology 29(4), **2020**, pp. 10223–10230. (Journal-Scopus)

Mohammad Shehab, Mohammad Daoud, **Hani AlMimi**, Laith Abualigah, and Ahamad Khader. (2019). "*Hybridizing Cuckoo Search Algorithm for Extracting the ODF maxima in spherical harmonic representation*." International Journal of Bio-Inspired Computation 13(3), 2019, pp. 190-199. (Journal-ISI IF 3.395)

Hani Almimi, Samar Shahin, Mohammad Daoud, Mustafa Fayoumi, Yazeed Ghadi. *"Enhanced E-Voting Protocol Based on Public Key Cryptography."* The 20th International Arab Conference on Information Technology (ACIT'2019), 2019, UAE. (Conference-Scopus)

Mohammad Sh Daoud, Yazeed Ghadi, **Hani Mahmouad Almimi**. "*Optimization of the Application Software in Biomechanics and Their Contribution to the Biological Field*." Journal of Engineering Science & Technology Review 12(1), 2019, pp.178-184. (Journal-Scopus)

Hassan Al-Zoubi, Shadi Al-Zu'bi, Stylianos Stamatakis, **Hani Almimi**. "*Ruled Surfaces of Finite Chen-Type*." Journal for Geometry and Graphics 22(1), 2018, pp.15-20. (Journal-Scopus)

Mohammad Sh. Daoud and **Hani M. Almimi**. "*A survey on Location Based-Services over Cellular Networks*." The 8th International Conference on Information Technology (ICIT 2017), Jordan, 2017, pp. 985-993.(Conference-Scopus)

Mohammad Rasmi, Ahmad Abu Sokhon, Mohammad Sh. Daoud, and **Hani Mahmoud AlMimi**. "*A Survey on Single Scalar Point Multiplication Algorithms for Elliptic Curves over Prime Fields*." Journal of Computer Engineering 18(2), 2016, pp. 31-47.

Hani Mahmoud Almimi, Azman Samsudin, and Shahram Jahani. "*Elliptic Curve Scalar Multiplication Algorithm Using ZOT Structure*." Security and Communication Networks 8(6), 2015, pp. 1141-1154.

QFG11/0110 - 3.1E	Curriculum Vitae Form - Procedures of Appointment and Promotion Committee

Feras Azzeh, **Hani Mahmoud Almimi**, Ali Aldahoud, and Khalil Awad. "*CMAS: An Online Conference Management and Archiving System*." Ubiquitous Computing and Communication Journal, 9 (10), 2015, online.

Mohammad S. Daoud, Adrian A. Hopgood, Mustafa A Al-Fayoumi, and **Hani Mahmoud Al-Mimi**. "*A New Routing Area Displacement Prediction for Location-Based Services based on an Enhanced Ant Colony*." SMC2014 IEEE International Conference on Systems, Man, and Cybernetics, USA, 2014, pp. 3247-3252.

Ahmad Abusukhon, Mohammad Talib, **Hani Mahmoud Al-Mimi**. "*Distributed Text-to-Image Encryption Algorithm*." International Journal of Computer Applications 106(1), 2014, pp.1-5 online.

Mohammad Rasmi, **Hani Mahmoud Almimi**, and Mohammad Sharif. "*Evaluating Composite EC Operations and their Applicability to the on-the-fly and non-window Multiplication Methods*." International Journal of Computer Applications, 105(6), 2014, pp.19-26.

Mohammad Rasmi, Aman Jantan, and **Hani Mahmoud Al-Mimi**. "*A New Approach for Resolving Cyber Crime in Network Forensics Based on Generic Process Model*." The 6th International Conference on Information Technology, Jordan, 2013.

Hani Mimi, Azman Samsudin, and Shahram Jahani. "*Elliptic Curve Point Multiplication Algorithm Using Precomputation*." WSEAS Transactions on Computers 12(11), 2013, pp. 419-431.

Hani Mahmoud Almimi, Azman Samsudin, and Shahram Jahani. "*Elliptic Curve Point Multiplication Using wZOT*." The 3rd International Conference on Cryptology & Computer Security, 2012, Malaysia.

Hani Mahmoud Al-Mimi, Ola Wesabi, and Azman Samsudin "*A case Study of Key-dependent Permutations in Feistel Ciphers*." World Academy of Science, Engineering and Technology. Vol. 62, 2010, pp. 296 - 301.

WesamAl Mobaideena, **Hani Mahmoud Mimia**, Fawaz Ahmad Masouda, and Emad Qaddoura. "*Performance evaluation of multicast ad hoc on-demand distance vector protocol*." Computer Communications 30(9), 2007, 1931-1941.

15. Revisions
- Journal of Computer and Communications
- ICIT21 The 10th International Conference on Information Technology
- ACeS 2019
- ICCIS2020