

HASAN FAYYAD-KAZAN

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Beirut, Lebanon

EDUCATION

PhD	Vrije Universiteit Brussels-Belgium, Computer Engineering	September 2014
MS	Vrije Universiteit Brussels-Belgium, Computer Engineering	September 2010
BS	Open University, UK-Lebanon, IT and Computing	September 2006

TEACHING EXPERIENCE

Al Maaref University, Beirut, Lebanon September 2015 to present
Assistant Professor, Management Information System (MIS)

- Taught Courses - Undergraduate level
 - Management Information Systems
 - Business Software Applications
 - Web programming
 - Information Systems Development
 - System Analysis and Design
 - Enterprise Resource Planning

Lebanese University, Beirut, Lebanon September 2015 to August 2021
Associate Professor, Computer Sciences/Forensic Sciences

- Taught Courses – Graduate level
 - Cloud Computing
 - Operating systems and security
 - IT Forensics

Islamic University of Lebanon, Beirut, Lebanon September 2015 to August 2020
Assistant Professor, Management Information System (MIS)

- Taught Courses – Graduate level
 - Cloud Computing
 - Software Engineering
 - System Administration

Vrije Universiteit Brussels, Belgium
Teaching Assistant, Computer Engineering

September 2012 to August 2014

- Taught Courses – Graduate level
 - Operating Systems and Security
 - Embedded Systems

PROFESSIONAL EXPERIENCE

Dedicated System Experts, Beersel, Belgium 2014

- Programmer and Quality testing

Dedicated System Experts, Beersel, Belgium 2015

- System administrator

Lebanese University, Lebanon 2018

- System Administrator

LANGUAGES

Arabic: Native Language

English: Excellent

COMPUTER SKILLS

Programming: C++, Python, JavaScript, HTML, CSS, C#

Applications: Visual Studio, Microsoft Office, DBMS, SPSS, ERP, E-learning (Google classroom, Zoom, Moodle), Bamboo

Platforms: Microsoft Windows Variants, Linux Variants, Hyper-V, VMware

SOFT SKILLS

- Interpersonal Communication
- Leadership
- Time-Management
- Decision-Making
- Caring
- People Management
- Punctual
- Continuous improvement
- Student Motivation
- Praising and Rewarding

Journal Publications

1. Hazimeh, H., Fayyad-Kazan, H., Hejase, H.J., Daher, K., Mugellini, E., Khaled, O.A., WeChat: Algorithm for e-Learning Smart Cheating Detection Using Mean-Shift Clustering, Smart Innovation, Systems and Technologies, Vol 305. Springer, 2022
2. Hasan FAYYAD-KAZAN, Sondos Kassem-Moussa, Hussin J Hejase, Ale J Hejase, Forensic Analysis of WhatsApp SQLite Databases on the Unrooted Android Phones, HighTech and Innovation Journal, 2022
3. Hussin J Hejase, Hassan I Rkein and Hasan FAYYAD-KAZAN, COVID-19 Boosts the Need for New Competencies for Accountancy Knowledge Workers, Strategies in Accounting and Management, 2021
4. Hussin J. Hejase, Ale J. Hejase, Fatima Nemer, Hasan FAYYAD-KAZAN, Governance in Lebanese Banks: An Exploratory Research Before the COVID-19 Era, Asian Business Research, 2021
5. Hasan FAYYAD-KAZAN, Ale Hejase, Imad Moukadem, Sondos Kassem Moussa, Verifying the Audio Evidence to Assist Forensic Investigation, Computer and Information Science, Canadian Center of Science and Education, 2021
6. Hussin J. Hejase, Ale J. Hejase, Fatima Nemer, Hasan FAYYAD-KAZAN, Governance in Lebanese Banks: An Exploratory Research Before the COVID-19 Era, Asian Business Research, 2021
7. Hussin J. Hejase, Hasan FAYYAD-KAZAN, Ale J. Hejase, Imad A. Moukadem, Cyber Security amid COVID 19, Computer and Information Science, Canadian Center of Science and Education, 2021
8. Hasan FAYYAD-KAZAN, Sondos Kassem-Moussa, Hussin J Hejase, Ale J Hejase, Forensic analysis of private browsing mechanisms: Tracing internet activities, Journal of Forensic Science and Research, 2021
9. Hasan FAYYAD-KAZAN, Elissa Saba, Hussin J Hejase, Ali El Dirani, Hassan Rkein, JPEG Steganography: Hiding in Plain Sight, International Journal of Forensic Sciences, 2021
10. Hasan FAYYAD-KAZAN, Hussin J. Hejase, Imad Moukadem, Hasan Rkien, Karim Kobeissi, Anti-Forensics: The Tampering of Videos, International Journal of Forensic Sciences, 2021

11. Hussin J. Hejase, Hasan FAYYAD-KAZAN, Imad Moukadem, Advanced Persistent Threats (Apt): An Awareness Review, Journal of Economics and Economic Education Research, 2020
12. Hussin J. Hejase, Ale J. Hejase, Hasan FAYYAD-KAZAN, News Media in Lebanon: Quantifying the Confidence Using Parametric and Non-parametric Testing, Saudi Journal of Business and Management Studies, 2020
13. Maria Saadeh, Hasan FAYYAD-KAZAN, Ramzi Haddad, Fouad Ayoub, Facial soft tissue thickness differences among different vertical facial patterns, Forensic Science International, 2020 – Related Research, Digital Dentistry
14. Mona Zeitouny, Hasan FAYYAD-KAZAN, Herve Tassery, Hussein Fayyad-Kazan, In Vitro Influence of Prophylaxis Cleaning on Enamel Remineralization with Casein Phosphopeptide-Amorphous Calcium Phosphate, Journal of oral & maxillofacial research, 2020 – Related Research, Digital Dentistry
15. Fouad Ayoub, Maria Saadeh, Hasan FAYYAD-KAZAN, Ramzi Haddad, Stereophotogrammetric analysis of labial morphology in a young adult Middle-Eastern population, Journal of Cranio-Maxillo-Facial Surgery, 2019 – Related Research, Digital Dentistry
16. Long Peng, Fei Guan, Luc Perneel, Hasan FAYYAD-KAZAN, Martin Timmerman, Decentralized Multi-Robot Formation Control with Communication Delay and Asynchronous Clock, Journal of Intelligent & Robotic Systems, 2017
17. Fei Guan, Long Peng, Luc Perneel, Hasan FAYYAD-KAZAN, Martin Timmerman, A Design That Incorporates Adaptive Reservation into Mixed-Criticality Systems, Hindawi Scientific Programming, 2017
18. Hasan FAYYAD-KAZAN, Luc Perneel, Long Peng, Fei Guan, Martin Timmerman, RTS hypervisor qualification for real-time systems, International Journal on Recent and Innovation Trends in Computing and Communication, 2016
19. Luc Perneel, Hasan FAYYAD-KAZAN, Long Peng, Fei Guan, Martin Timmerman, Business Hypervisors for Real-time Applications, Engineering, Technology & Applied Science Research international journal, 2015
20. Luc Perneel, Fei Guan, Long Peng, Hasan FAYYAD-KAZAN, Martin Timmerman, Real-time capabilities in the standard Linux Kernel: How to enable and use them?, International Journal on Recent and Innovation Trends in Computing and Communication, 2015
21. Hasan FAYYAD-KAZAN, Luc Perneel, Martin Timmerman, Linux PREEMPT-RT v2.6.33 versus v3.6.6: Better or worse for real-time applications?, ACM SIGBED Review, 2014

22. Hasan FAYYAD-KAZAN, Luc Perneel, Martin Timmerman, Benchmarking the Performance of Microsoft Hyper-V server, VMware ESXi, and Xen Hypervisors, Journal of Emerging Trends in Computing and Information Sciences, 2013
23. Hasan FAYYAD-KAZAN, Luc Perneel, Martin Timmerman, A Performance Comparison Between Enlightenment and Emulation in Microsoft Hyper-V, Global Journal of Computer Science and Technology Hardware & Computation, 2013
24. Hasan FAYYAD-KAZAN, Luc Perneel, Martin Timmerman, Full and Para-Virtualization with Xen: A Performance Comparison, Journal of Emerging Trends in Computing and Information Sciences, 2013
25. Hasan FAYYAD-KAZAN, Luc Perneel, Martin Timmerman, Evaluating the performance and behavior of RT-Xen, International Journal of Embedded Systems and Applications (IJESA), 2013
26. Hasan FAYYAD-KAZAN, Luc Perneel, Martin Timmerman, Linux PREEMPT-RT vs. commercial RTOSs: how big is the performance gap?, GSTF Journal of Computing, 2013
27. Luc Perneel, Hasan FAYYAD-KAZAN, Martin Timmerman, Android and Real-Time Applications: Take Care!, Journal of Emerging Trends in Computing and Information Sciences, 2013

Conference Papers

- Long Peng, Fei Guan, Luc Perneel, Hasan FAYYAD-KAZAN Martin Timmerman, EmSBoT: A Lightweight Modular Software Framework for Networked Robotic Systems, IEEE-3rd International Conference on Advances in Computational Tools for Engineering Applications (ACTEA), Beirut, 13-15 July 2016
- Hasan FAYYAD-KAZAN, Luc Perneel, Martin Timmerman, Linux PREEMPT-RT v2.6.33 versus v3.6.6: Better or worse for real-time applications?, ACM- 3rd Embedded Operating Systems Workshop (EWiLi2013), Toulouse-France, 26-27 Aug 2013
- Luc Perneel, Hasan FAYYAD-KAZAN, Martin Timmerman, Can Android be used for Real-time purposes?, 1st IEEE International Conference on Computer Systems and Industrial Informatics, Sharjah, United Arab Emirates, 18-20 Dec 2012

REFERENCES

Dr. Hussin Hejase

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