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**DATE OF BIRTH:** 14-FEB-1988

**PLACE OF BIRTH:** JORDAN

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## EDUCATION

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**\*2014-2017.** PhD- Computer Engineering (Excellent) ,in Computer Systems and Components, Kharkiv National University of Radio Electronics (KNURE)- Ukraine.

Dissertation - Cloud Service Computing for Testing and Modeling SOC Components.

**\*2012-2014.** Master Computer Science (Very Good), in Information Control Systems and Technologies, Donetsk National Technical University- Ukraine.

Project - Information Test Systems for Detecting Cross-Faults .

**\*2006-2010.** Bachelor- Computer Science, Al AL-Bayt University - Jordan.

## EXPERIENCE

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1. Jadara University , Assistant Professor, Department of Computer Science

11/3/2023-1/9/2024.

2. Jadara University , Assistant Professor, Department of computer networks and cyber security

1/9/2024-now.

## New published research articles

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1. The impact of cyber security on preventing and mitigating electronic crimes in the Jordanian banking sector. International Journal of Advanced Computer Science and Applications (IJACSA), Tamer Bani Amer, Mohammad Al-Omar, **2023**.
2. An Efficient Cyber security and Data Science for Analyzing Big Medical Data. Journal of Theoretical and Applied Information Technology (JATIT), Mohammad Al-Omar, Saleh Alomari, Tamer Bani Amer, **2024**.

## Publication

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1. Hahanov V. Qubit Test Synthesis of the Functionality / V. Hahanov, T. Bani Amer, E. Litvinova, T. Soklakova, M. Liubarskyi, N. Shavlak, K. Dziuba // Proceedings of 14th International Conference: The Experience of Designing and Application of CAD Systems in Microelectronics, CADSM **2017**. – Lvov, Ukraine. – P. 161-165. (Log in to the international science-based databases Scopus, IEEE Xplore).
2. Bani Amer T. Cyber-computing - a new brand of the IoT-market / T. Bani Amer, I. Emelianov // Materials of the XX International Youth Forum "Radio electronics and youth in the XXI century". - **2016**. - Part 5. - P.36-37.
3. Soklakova T. Technological culture of Big Data / T. Soklakova, I. Iemelianov, T. Bani Amer, I. Hahanov // Materials of the XIII International Conference TCSET-2016. - February 23-26, **2016**. - Lviv-Slavske. - p.549-554. (Included in Scopus International Science Center, IEEE Xplore).
4. Hahanov I. QuaSim – Cloud Service for Digital Circuits Simulation / I. Hahanov, W. Gharibi, I. Iemelianov, T. Bani Amer // Proceedings of IEEE East-West Design & Test Symposium. – **2016**. – Yerevan, Armenia. – P. 141-158. (Included in Scopus International Science Center, IEEE Xplore).
5. Hahanov V. Cloud-Driven Traffic Control: Feasibility and Advantages / V. Hahanov, S. Chumachenko, T. Bani Amer, I. Hahanov // Proc. of the 4th Mediterranean Conference on Embedded Computing (MECO). – **2015**. – Budva, Montenegro. – P.17-20. (Included in Scopus International Science Center, IEEE Xplore).
6. Gerasimenko K. Method for Functional Testing Critical Control Systems / K. Gerasimenko, V. Hahanov, T. Bani Amer, A. Pryimak // Proceedings of IEEE East-West Design & Test Symposium **2015**. – Batumi, Georgia. – P. 149-153. (Included in Scopus International Science Center, IEEE Xplore).

7. Hahanov I. Automaton MQT-model for virtual computer design / I. Hahanov, T. Bani Amer, I. Hahanova, S. Dementiev, A. Arefiev // Proceedings of 13th International Conference: The Experience of Designing and Application of CAD Systems in Microelectronics, CADSM **2015**. – Lvov, Ukraine. – P. 161-165. (Included in Scopus International Science Center, IEEE Xplore).
8. Hahanov V. MQT-model for Virtual Computer Design / V. Hahanov, T. Bani Amer, I. Hahanov // Proc. of Microtechnology and Thermal Problems in Electronics (Microtherm), 23-25 June **2015**. – Poland. – P. 182-185.
9. Hahanov V. Smart Resources Control / V. Hahanov, T. Bani Amer, S. Chumachenko, E. Litvinova // The 4th International Academic Congress “Science and Education in the Modern World”. – Vol. II. – New Zealand, Auckland. – **2015**. – P. 1021-1034.
10. Emelyanov I. Qubit Modeling Digital Systems / I. Emelyanov, I. Hahanova, T. Bani Amer // Proc. of IEEE East-West Design and Test Symposium. – Kiev, 26-29 September. – **2014**. – P. 246-248. (Included in Scopus International Science Center, IEEE Xplore).
11. Bani Amer T. Synthesis of Q-tests on the qubit description of functions / T. Bani Amer, I. Iemelianov, M. Liubarskyi, V. Hahanov // Radioelectronics and Informatics. - **2016**. - No. 2. - P. 38-47. (Enter the international science-based databases Index Copernicus, Google Scholar, OECSP, OAJI, Scholar Steer, SIS, Cyberleninka, CiteFactor, TIU Hannover, I2OR). ( Translation from Russian to english language .)
12. Hahanov V.I. Processor structures for analysis of Big Data / V.I. hahanov, E.I. Litvinova, SV Chumachenko, I. Emelyanov, T. Bani Amer // Radio electronic and computer systems. - **2016** - No. 6 (80). - P. 163-175.( Translation from Russian to english language )
13. Bani Amer T. The cubital form of the description of computational structures / T. Bani Amer, C.B. Chumachenko, IV Emelyanov // Radio electronics and computer science. - **2016**. - No. 1. - p.47-52. (Included in the international science-based databases Index Copernicus, Google Scholar, OECSP, OAJI, Scholar Steer, SIS, Cyberleninka, CiteFactor, TIU Hannover, I2OR).( Translation from Russian to english language .)
14. Bani Amer T. qubit model of the description of digital devices / T. Bani Amer, I.V. hahanov, E.I. Litvinova, I.V. Emelyanov // Automated Control Systems and Automation Devices. - **2016**. - Issue. 174. - P. 24-41. (Enter the international scientific metrics databases Google Scholar, Cyberleninka).( Translation from Russian to english language)
15. Hahanov V.I. qubit technologies of the analysis and diagnostics of digital devices / V.I. hahanov, T. Bani Amer, S.V. Chumachenko, E.I. Litvinova // Electronic modeling. - Volume 37, No. 3. - **2015**. - C. 17-40. (To enter the International Science Metrics Cambridge Scientific Abstracts, Computer and Information Systems Abstracts, INIS Collection, Inspec, VINITI RAS).(Translation from Russian to english language)

16. Bani Amer T. Computing Models of Cloud Services / T. Bani Amer, V.I. hahanov, I.V. Emelyanov, M. Lyubarsky // Automatic control systems and automation devices. - **2015**. - Vip. 173. - p.48-57. (Included in the international science-computer databases Google Scholar, Cyberleninka).( Translation from Russian to english language .)

17. Hahanov V. Cloud management of physical and human resources / V. hahanov, S. Chumachenko, E. Litvinova, A. Mishchenko, I. Emelyanov, T. Bani Amer // Australian Journal of Scientific Reseach. - No. 1 (5). - **2014**. - P. 202-212.( Translation from Russian to english language .)

18. Hahanov V.I. Metric for analysis of the Big Data. hahanov, A.S. Mishchenko, V.I. Obryzan, Tami Bani Amer // Radio electronics and Informatics. - **2014**. - No. 2. - P. 26-29. (Enter the international science-based databases Index Copernicus, Google Scholar, OECSP, OAJI, Scholar Steer, SIS, Cyberleninka, CiteFactor, TIU Hannover, I2OR). ( Translation from Russian to english language .)

## **BOOKS.**

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1. Vladimir Hahanov, Tamer Bani Amer. Cyber Physical Computing for IoT-driven Services. Springer, USA, **2017**. – Quantum Computing for Test Synthesis p.95-134. – QuaSim Cloud Service for Quantum Circuit Simulation p.135-147.

## **COURSES**

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1. Microsoft approved course (MCP) in AL al-Bayt University. From (27/9/2009) to (07/01/2010).

## **Languages**

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Arabic - Level :.Native

English -Level :Excellent in speaking, reading and writing.

Russian -Level:Fluent in speaking, reading and writing.

Ukrainian- Level: Good in speaking, reading and writing.