

Jordan University of Science and Technology (JUST)

Raed M. Bani-Hani

Assistant Professor

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PERSONAL DATA

- ☐ Nationality: Jordanian
- ☐ Date of Birth: Oct. 2, 1976
- ☐ Marital Status: Married with three children.

EDUCATION

- ☐ 8/2003 – 9/2006 The University of Missouri-Columbia, Missouri
Ph.D. Electrical & Computer Engineering, Major: Computer Engineering, GPA: 3.95
 - Ph.D. Dissertation “Enhancing The IKE preshared Key Authentication Method”
- ☐ 1/2001 – 5/2003 The University of Missouri-Columbia, Missouri
M.Sc. Computer Engineering, GPA: 3.9
 - M.Sc. Thesis “Building a network aware tool to measure network performance parameters along an IPV4/IPV6 network path ”
- ☐ 9/1994 – 6/1999 Jordan Univ. of Science & Technology Irbid, Jordan
B.Sc. Electrical Engineering, Major: Computer Eng., GPA: 76.4
 - Ranked **sixth** on the 1999 class/ Computer Eng. Batch

RESEARCH INTEREST

- ☐ Computer Networks.
- ☐ Network Security/Cryptography.
- ☐ Internet2.
- ☐ Internet Protocol Ver.6 (IPv6).
- ☐ Web and Network Performance
- ☐ Embedded and Real Time systems

PROFESSIONAL EXPERIENCE

- ☐ 8/2001- 8/2006 The University of Missouri-Columbia, Missouri
Research Associate
 - Installing software for and maintaining UNIX Based systems

- Programming using IPv6 protocol
- Experimental study of the performance of UNIX-based systems using different security protocols and schemes
- A patch for True 64 HP/Compaq OS was generated as a result of our experiments and work
- 9/2006 – Present Jordan Univ. of Science & Technology Irbid, Jordan *Assistant Professor, Computer Engineering*
- 9/2007 – 9/2008 Jordan Univ. of Science & Technology Irbid, Jordan *Assistant Dean*
- 1/2008 – 6/2008 Yarmouk University, Hijjawi Faculty for Engineering Technology, Part Time Lecturer
- 3/2008 – Present NYiT, Faculty of Engineering, Part Time Lecturer
- 2/2009 – 6/2009 Yarmouk University, Hijjawi Faculty for Engineering Technology, Part Time Lecturer

TECHNICAL SKILLS

- Platforms/ Operating Systems: Windows ,Unix
- Programming languages: C, C++, Java, MC68K Assembly
- IPv6 Programming

COURSES TAUGHT

- Graduate Courses
 - Real Time Embedded Systems
 - Operating System Security
 - Advanced Operating Systems
 - Security Risk Managment
- Undergraduate Courses
 - Computer Skills
 - Digital Logic Design
 - Digital Logic Design Lab
 - Sys. Software Design, Development, & Documentation
 - Operating Systems
 - Computer Networks
 - Network Security
 - Microprocessor Systems Design
 - Microprocessor Systems Design Lab
 - Introduction to Information Technology (C++ Programming)

UNDERGRADUATE PROJECTS

- Building a keyless car system using cell phones and Bluetooth
- Interactive Voice Response System for student services (IVRS)
- Controlling Home Devices over GSM
- Finger Based Access Control Student Entry System
- Automatic Restaurant Ordering and Billing using PDA
- J.U.S.T Navigation System
- Securing SMS messages over GSM networks

- Car TroubleShooting System using OBD Interface (In progress)

Services

- ☐ Coordinator of Students Graduation Projects Competition at Petra University, 2007 – 2008
- ☐ Member of Curriculum Update Committee for the Computer Engineering program
- ☐ Member of Accreditation Committee for the Computer Engineering program
- ☐ Network Engineering and Security program establishment committee member

LANGUAGES

- ☐ Arabic : Native
- ☐ English : Excellent reading and Writing

MEMBERSHIP OF SCIENTIFIC AND PROFESSIONAL SOCIETIES

- ☐ Jordan Society of Engineering

REFERENCES

- ☐ Dr. Gordon K. Springer – Dissertation Supervisor, University of Missouri-Columbia
- ☐ Dr. Samir Bataineh – Dean of Computer & Info Tech. College at JUST (2004 – 2008)
- ☐ Dr. Omar Al-jarrah – Assistant President for ICT at JUST
- ☐ Dr. Mohmmmed AL-Rousan – Dean of Computer & Info Tech. College at JUST (2008 – present)
- ☐ Dr. Moad Mowafi – Vice Dean of Computer & Info Tech. College at JUST (2008 – present)
- ☐ Dr Basheer Dwairi, Chairman, Dept of Computer Eng at JUST (2008 – 2009)
- ☐ Dr. Ali Shatanawi – Dept. of Computer Engineering at JUST.
- ☐ Dr. Fahed Awad – Chairman, Dept of Network Engineering & Security at JUST (2009 – Present).