Personality identifying information:

Name: Firas Hanna Zawaideh.   **Nationality:** Jordanian.
Date of birth: Sep 2, 1984.   **Place of birth:** UAE (Abu Dhabi).
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Qualifications

Education:

- **Ph.D. in Computer Engineering**
  Eastern Mediterranean University, Northern Cyprus
  CGPA: 4.00 / 4.00
  Dissertation: *An Efficient Weighted Trust-Based Malicious Node Detection Scheme for Wireless Sensor Networks*
  Equivalency: Certified by the Ministry of Higher Education as *Cyber Security Specialization*

- **M.Sc. in Computer Engineering**
  Eastern Mediterranean University, Northern Cyprus
  CGPA: 3.82 / 4.00
  Thesis: *An Energy-Efficient Clustering Algorithm for Wireless Sensor Networks (EECA)*

- **B.Sc. in Computer Engineering**
  Jordan University of Science and Technology, Jordan
  Years Attended: 2002 – 2007
  Graduation Average: 62%

Journals and conferences

- L. Alsbatin, F. Zawaideh, B. M. Alrifai, and T. A. Alawneh, "Enhancing Internet of Things (IoT) Network Security: A Machine Learning-Driven Framework for Real-Time Intrusion Detection and Anomaly Classification," *Mesopotamian Journal of CyberSecurity*, vol. 5, no. 3, pp. 1042–1056, Sep. 2025, doi: 10.58496/MJCS/2025/056.
- A. O. Mulani, N. S. Warade, O. I. Khalaf, Q. Bsoul, D. Waghole, M. Jadhav, V. S. Jadhav, A. Bennour, F. Zawaideh, D. M. Alsekait, and D. S. Abdelminaam, "Resource management optimisation of OFDM-IDMA system for 5G multi-tier backhaul networks," *Egyptian Informatics Journal*, vol. 31, Art. no. 100756, Sep. 2025.
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- L. F. Al-Qora'n, Q. Bsoul, F. Zawaideh, A. Alzoubi, S. Sayed, R. W. Bsoul, D. S. AbdElminaam, and N. Mostafa, "Heart Failure Early Prediction Using Machine and Deep Learning Algorithm," *Fusion: Practice and Applications*, vol. 18, no. 1, pp. 183–203, 2025, doi: 10.54216/FPA.180113.
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- Firas H Zawaideh, B Bataineh, "ICAIMT-Machine Learning-Driven Innovations in Knowledge Management: Integrating Business Intelligence, e-Learning and Organizational Culture for AI Management Trends", Journal of Information & Knowledge Management, 2550057, 2025.
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- MJ Khan, S Zuhra, ZA Khan, M Ali, L Chen, A Haq, F Zawaideh, ..., "Advanced numerical simulation of hybrid nanofluid radiative flow with Cattaneo-Christov heat flux model over a rotating disk: Innovative iterative techniques", Case Studies in Thermal Engineering 63, 105366, 2024.
- V Suresh Kumar, O Ibrahim Khalaf, R Raman Chandan, Q Bsoul, F Zawaideh, ..., "Implementation of a novel secured authentication protocol for cyber security applications", Scientific Reports 14 (1), 25708, 2024.
- F Zawaideh, M Magableh, H Al_Wahshat, FR Wahsheh, SM Altahat, ..., "A New Method for Detecting Advanced Persistent Threats Utilising Machine Learning", Educational Administration: Theory and Practice 30 (5), 4361-4370, 2024.
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- Firas H Zawaideh, Waheeb Abu-ulbeh, Yousef I Majdalawi, Muhammad D Zakaria, Julaily Aida Jusoh, Sunanda Das, "E-Commerce Supply Chains with Considerations of Cyber-Security", International Conference on Computer Science and Emerging Technologies (CSET) IEEE, pp. 1-8, https://ieeexplore.ieee.org/abstract/document/10346738, 2023.
- Firas Hanna Zawaideh, Waheed Ali HM Ghanem, M Hafiz Yusoff, Syarilla Iryani A Saany, Julaily Aida Jusoh, Yousef A Baker El-Ebiary, "The Layers of Cloud Computing Infrastructure and Security Attacking Issues", Journal of Pharmaceutical Negative Results, Vol. 13, No. 5, pp. 792-800, 2022.

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Work Experience:

Assistant Professor – Jadara University
Faculty of Information Technology – Department of Cybersecurity
February 2024 – Present
Currently serving as a full-time Assistant Professor in the **Networks and Cybersecurity Department** within the **Faculty of Information Technology**. My responsibilities include teaching undergraduate courses related to **computer networks**, **information security**, and **cyber defense**, in addition to supervising student projects, participating in curriculum development, and contributing to departmental research and academic activities.

Assistant Professor – Irbid National University
Faculty of Information Technology – Department of Cybersecurity
July 1, 2021 – February 18, 2024
Full-time faculty member engaged in teaching undergraduate and postgraduate **(Master's)** cybersecurity courses, curriculum development, research supervision, and academic advising. During this period, I also served as **Head of the Department** of Cybersecurity (2022–2024), overseeing academic and administrative operations for both undergraduate and postgraduate programs, including strategic planning, faculty coordination, quality assurance, and program development initiatives. Courses taught include:

- Computer Networks
- Network and Data Communication
- Wireless Network Security
- Network Security
- Risk Management and Analysis
- Information Security Protocols
- Data Security and Privacy
- Ethical Hacking
- Data Encryption
- Introduction to Big Data
- Cyber Security Protocols
- Introduction to Algorithms

Lecturer – Final International University, Northern Cyprus
Faculty of Computer Engineering / International Office
November 13, 2017 – February 29, 2020
Full-time lecturer in the Computer Engineering faculty, responsible for laboratory instruction and assisting the International Office with student engagement and coordination. Courses/labs supported include:
- Computer Programming (Lab)
- Algorithms and Data Structures (Lab)
- Data Communication and Computer Networks (Lab)
- Microprocessors (Lab)
- Object-Oriented Programming (Lab)
- Information Technology and Applications (Lab)
- Computer I

Part-Time Instructor – Irbid National University
Dates: Various (before full-time appointment)
Delivered undergraduate courses on a part-time basis, primarily in foundational computer science and IT topics. Courses taught include:
- Operating Systems
- Computer Networks
- Digital Logic Design
- Computer System Architecture

Technical Support Executive – Reputed IT Company, Kingdom of Bahrain
Duration: Over 2 years
Worked in the IT support and infrastructure domain, providing technical support to end-users and maintaining IT systems. Responsibilities included:
- Network troubleshooting and maintenance
- Software installation and configuration
- Hardware diagnostics and repair
- Managing network infrastructure and services
- Serving as a member of the call-out and helpdesk support team

Certificates:

- Certificate CompTIA **A+**
- Certificate CompTIA **Network+**
- Certificate Cisco Certified Network Associate (CCNA)
- Certificate Microsoft Certified System Administrator (MCSA) 2003 with ISA

Computer skills:

1. **Computer Organization:**
   - A very good knowledge of computer maintenance, Hardware, and Software.
   - Technical Documentation skills.
   - Knowledge of the common networking protocols (TCP/IP, Application Protocols, Routing Protocols, Transport Protocols, etc.)
   - Perform IT checklist tasks to ensure minimum interruptions and failures and maximum business continuity

2. **Office Applications:**
   - An excellent knowledge of MS Office applications (Word, Excel, Access, and PowerPoint).
3. **Operating Systems:**

   A good knowledge of the following MS Products:

   - Managing, maintaining, installing, configuring, and administering Windows Server 2003, such as Domain Controllers, AD, DHCP, DNS.
   - Microsoft Active Directory and Exchange Administration.
   - Troubleshoot LAN, WAN infrastructure
   - Create and implement backup plans for several systems.
   - Setting up remote access for users.

Strengths:
- Excellent Communication skills and a very good teamwork player.
- Ability to work under pressure, prioritize tasks, and meet deadlines.
- Ability to work as a member of a team and lead junior staff
- Ability to develop and maintain good relationships with customers.
- Ability to relate to different people and adapt to new tasks.
- Ability to learn and apply knowledge.

Linguistic Ability:

- Arabic (Mother Tongue): Excellent reading, speaking, writing, and listening.
- English (Studying Language): Excellent reading, speaking, writing, and listening.

Computer service training course:

Two months in each of:
- Jordan Data System (JDS).
- Jordan Television (JTV).
- Jordan University of Science and Technology (JUST).

Authentic reference:

References are available upon request.