



**1. Personal and Academic rank:** Hiba Bazzi, senior Lecturer, full time at **Beirut Arab University**

**2. Education: Degrees, discipline, institution, and date:**

- M.E., Computer and Communication Engineering, Beirut Arab University, 2015
- B.E., Computer and Communication Engineering, Beirut Arab University, 2007
- Cisco instructor certificate at Lebanese university regional academy 2010

**3. Academic experience**

- Beirut Arab University, senior Lecturer, 2022- present, full time
- Beirut Arab University, Lecturer, 2015- 2022, part time
- Beirut Arab University, TA, 2008-2015, part time
- Lebanese University, faculty of science lab instructor 2008-2021
- Cisco instructor at Lebanese university (Faculty of Science). (2010-2021)
- Course site administrator at Lebanese university (Faculty of Science). (2008-2021)
- Microsoft Teams and emails administrator at Lebanese university (Faculty of Science) (2019-2021)

**4. Nonacademic experience**

- ACT Automation & Computer Technologies (Gefinor center):
  - In the Fundamental Solaris, Basic Solaris System Administration, Solaris Networking and Sun One Directory Server.
- BLOM BANK:
  - In the IT System& Development Department (Network Configuration (CISCO))

**5. Current membership in professional organizations**

- Member in Order of Engineering Lebanon
- Member of IEEE Computer society chapter

**6. Experience Courses**

- a. Computer Networks
- b. Web Development
- c. Database



- d. Cyber security
- e. Digital systems 1
- f. Digital systems 2
- g. Digital system design
- h. Programming 1
- i. Programming 2
- j. Programing for Engineers

#### 7. Research Interests

- a. SDN NFV
- b. Networking
- c. Multivalued Logic

#### 8. References:

- a. Prof. Ali haidar [ari@bau.edu.lb](mailto:ari@bau.edu.lb) (+9613676121)

#### 9. Rank Link: senior Lecturer

<https://www.bau.edu.lb/Staff/Engineering/Academic>

#### 10. Publications

- Bazzi, H.S. , Haidar , A.M. , Bilal ,A. Classification of routing protocols in Wireless sensor network ,International Conference on Computer Vision and Image Analysis Applications(ICCVIA'2015), IEEE Tunisia section, DOL:10.1109/ICCVIA.2015.7351790.(18-20 Jan. 2015)
- Bazzi, H.S. , Haidar , A.M. , Bilal ,A. Factors to Consider while Choosing a WSN Routing Protocol and Simulating LEACH, 21st LAAS International Science Conference, Horizon 2020: Advances in Sciences and technology, Saint Joseph University (USJ), Damascus Road, Beirut, Lebanon, April15-17, 2015
- Ramzi A. Jaber, Hiba S Bazzi, Ali Massoud Haidar, Bilal Owaidat, and Abdallah Kassem. Ternary Adder and Multiplier Designs Using Unary Operators and Ternary Multiplexers, 3ICT 2021 International Conference On Innovation And Intelligence For Informatics, Computing,And Technologies.(29-30 September 2021)
- Hseiki, H.A , Bazzi , H.S., Kassem, R. El-Hajj A. , Haidar , A.M. AI to Preserve Energy and Environment IEEE *International Conference on Smart Systems and Power Management (IC2SPM) 10-11 NOV 2022*



## 11. Professional development activities and workshops in the last five years

- Attended the workshop “Advanced Robotics” offered by the university of Pisa (Italy)
- Attended the workshop “Workshop on Big Data Analytics” offered by Polytechnic University of Marche Ancona, Italy
- Participated in DECAIR Workshops:
  - Collaboration with Industry and Community Workshop (Lebanon)
  - Workshop on Establishing and Reinforcing the Collaboration between Industry and Academia (Jordan)
- Attended the training course “Deep Learning” offered by DeCAIR Erasmus+ Project from University of Genoa (Italy)
- Attended the training course “Computer Vision” offered by DeCAIR Erasmus+ Project from University of Genoa (Italy)
- Attended many workshops: Modern Teaching methods, Huawei
- Erasmus+, DECAIR, IEEE: Breaking the Laws of Robotics: Attacking Industrial Robots, by Dr. Stefano Zanero (Amman, Jordan) Attended Online
- Erasmus+, DECAIR: Modern Higher Education Teaching and Learning Methodologies (BAU, Lebanon)
- Erasmus+, DECAIR: “Fundamental of Robotics” Training Course (20 hours)
- Erasmus+, DECAIR: Advanced Robotics (Italy, Pisa)
- Erasmus+, ELEGANT: Enhancing Teaching, Learning and Graduate Employability through University- Enterprise Cooperation (BAU & MUBS) Attended Online (part1)
- Erasmus+, ELEGANT: Enhancing Teaching, Learning and Graduate Employability through University- Enterprise Cooperation (part2 day1-2)
- Erasmus+, ELEGANT: A Work-Ready Seminar Stand Out to Get Hired (part2 day3)
- Huawei Meeting Competition
- Huawei Agreement and coordination
- Geek Express: Company job fair for teaching programming for kids
- CISCO Workshop: Meeting expertise in cybersecurity and networking
- Building a Professional CV Workshop given by Dr Hassan Baalbaki – LAU
- CERN BAU Meeting with CERN representative, MENA Mr Martin Gastal
- IEEE online meeting: Techniques for Effective Searching in IEEE Xplore
- ABET Meeting on Assessment with Dr Hadi Abou Chakra
- New Voices in Biomedical Engineering
- Association of Energy Engineers activities launching by Mechanical department
- Attended Scientific Days with supervision of many fyp projects
- Attended the talk titled: Cybersecurity and Blockchain held in A3 and given by Prof. Layth Sliman from EFREI University France
- Erasmus+, ELEGANT: Final Conference.