

# Hilal El Misilmani

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## Summary of Qualifications

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- Ph.D. in Electrical and Computer Engineering
- 7 years of experience in teaching, 12 years in research, and 1.4 years of experience in design & consultancy
- Excellent communications and presentation skills, research and writing skills, public speaking, critical thinking, creativity, problem solving, team building, leadership and management skills
- Fluent in English and Arabic (native language), with basic knowledge of French
- Residence Permit and UAE ID: valid till June 2024

## Professional Experience

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- 1. Beirut Arab University** Debbieh, Lebanon  
**09/2015 - Present**
- **Assistant Professor, Associate Professor** (starting 05/2022) 09/2016 - Present
  - **Lecturer** (part-time) 09/2015 - 06/2016

Major achieved tasks and acquired skills:

- **Research, writing, presentations, team building, leadership and team work skills:**
  - Created and led a research team with international collaborations
  - Taught different major and technical undergraduate and postgraduate courses
  - Published journal and conference papers
  - Organized and participated in international conferences
  - Developed and published the first faculty of engineering graduate catalogue
- **Critical thinking, creativity, problem solving, advising and mentoring skills:**
  - Supervised: 3 Ph.D. Dissertations, 3 Master Theses, and 12 Final Year Projects
  - Assisted students in pursuing graduate studies in: USA, Canada, Europe, and Gulf countries
- **Organization and time management skills:**
  - Redesigned and developed 9 undergraduate and 3 postgraduate courses
  - Participated in the development of the new 4-year CEE curriculum
  - Organized and planned the course scheduling of the CEE program
- **Communications and management skills:**
  - Participated in attaining the CEE ABET accreditation as the editor of the self-study report
  - Represented the Faculty of Engineering in FIBAA accreditation committee discussions
  - Served as the graduate studies coordinator for the Faculty of Engineering

- 2. Issa Holding** Beirut, Lebanon  
**04/2016 - 08/2016**

- **Business Development Consultant**
  - Evaluated the company's sales and maintenance contracts for the period going from 2012 to 2015
  - Identified trends, customer needs, and developed business opportunities
  - Coordinated with the managing directors of Issa Holding subsidiaries in Lebanon and abroad
  - Assisted in the implementation of marketing strategies and company's brochure
  - Tracked performance, reported metrics, and met regularly with Issa Holding owner

- 3. American University of Beirut** Beirut, Lebanon  
**09/2014 - 08/2016**

- **Postdoctoral Researcher** 06/2015 - 08/2016
  - Conducted research with the Electromagnetics and Radio Frequency Research Group
- **Lecturer** 09/2014 - 01/2015, 09/2015 - 01/2016
  - Taught Analog Signal Processing (two semesters)

- 4. Beirut Research and Innovation Center** Beirut, Lebanon  
**09/2012 - 08/2014**  
 · **Researcher**  
 · Conducted research on the remote neutralization of mines/UXOs  
 · Assisted in writing proposals to secure funding for research  
 · Prepared & published several journal and conference papers, technical reports, and presentations  
 · Participated in technical meetings and research collaboration initiation  
 · Participated in meetings with potential sponsors and funders
- 5. Dar Al-Handasah (Shair and Partners)** Beirut, Lebanon  
**08/2011 - 09/2012**  
 · **Telecommunications Engineer**  
 · Provided expertise and knowledge for the full spectrum design of various low-current and infrastructure telecommunications systems in line with country regulations and customers' aspiration  
 · Interfaced effectively with multidisciplinary teams to deliver impactful projects  
 · Developed specifications, cost estimates, bills of quantities, methods of measurement, and concept design reports in accordance with project criteria and applicable standards  
 · Contributed to new proposal opportunities and participated in technical seminars on emerging technologies
- 6. American University of Beirut** Beirut, Lebanon  
**09/2010 - 05/2012**  
 · **Lab Instructor**  
 · Taught Communications Laboratory (five semesters)  
 · **Research Assistant** 09/2010 - 05/2012  
 · Conducted research with the Electromagnetics and Radio Frequency Research Group

## Education

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- American University of Beirut** Beirut, Lebanon  
**09/2010 - 05/2015**  
 · **Doctor of Philosophy in Electrical and Computer Engineering** 09/2012 - 05/2015  
 · **Master of Engineering in Electrical and Computer Engineering** 09/2010 - 08/2012  
 · Concentration: Applied Electromagnetics & Radio Frequency Systems  
 · Minor: Communications Engineering  
 · Overall GPA: 4.00/4.00
- Beirut Arab University** Debbieh, Lebanon  
**09/2005 - 06/2010**  
 · **Bachelor of Engineering in Communications and Electronics Engineering**  
 · Overall grade: 89.32/100

## Scholarships and Grants

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- Associated Research Unit Program, CNRS - Lebanon 2013 - 2015  
 CNRS-Lebanon Doctoral Scholarship 2013 - 2015  
 Lebanese Association for Scientific Research (LAsER) Scholarship 2013 - 2015  
 The Association of Specialization and Scientific Guidance (SSG) Scholarship 2006 - 2010  
 Rafic Hariri Foundation Scholarship 2005 - 2010

## Additional Certifications

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- GSM Network Training Certificate, Ogero Telecom Lebanon, 2010  
 Common Channel Signaling (SS#7) Network Training Certificate, Ogero Telecom Lebanon, 2009  
 Digital Microwave and GSM Network Training Certificate, Ogero Telecom Lebanon, 2009  
 Cisco Certified Network Associate (CCNA) Certificate, Cisco Networking Academy Lebanon, 2009  
 Digital Satellite Communication Training Certificate, Beirut Media Center Lebanon, 2008