

Hilal El Misilmani

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Summary of Qualifications

- PhD in Electrical and Computer Engineering from the American University of Beirut.
- Built and led a research team of 7 researchers, and collaborated with 3 universities on multidisciplinary projects.
- Published 30+ research works, organized 4 international conferences and presented in 13 conferences worldwide.
- Initiated and managed multidisciplinary projects in communications, machine learning, and biomedical eng.
- Worked as a professor, researcher, telecommunications engineer, and consultant.

Professional Experience

Assistant Professor, Associate Professor **09/2016 - Present**
Beirut Arab University, Lebanon

- Lectured 45+ under and postgraduate classes, and supervised 35+ senior, master and PhD students.
- Redesigned 9 courses, initiated and introduced 3 new courses.
- Communicated and coordinated with telecom companies, obtaining 45+ internship and job positions.
- Drafted and released the 1st faculty of eng. graduate catalogue, and presented the faculty in 4 seminars.
- Developed, implemented, and scheduled the new 4-year Communications Engineering curriculum.
- Met with ABET and FIBA committees and facilitated attaining both international accreditations.

Business Development Consultant **04/2016 - 08/2016**
Issa Holding, Lebanon

- Evaluated the company's sales and maintenance contracts, tracked performance, and reported metrics.
- Identified trends, evaluated customer needs, and discovered business opportunities.
- Assisted in the implementation of marketing strategies.

Postdoctoral Researcher and Lecturer **09/2014 - 08/2016**
American University of Beirut, Lebanon

Researcher **09/2012 - 08/2014**
Beirut Research and Innovation Center, Lebanon

- Attained CNRS research grant and LaSeR fund.
- Submitted technical reports and presented the company in 3 international conferences.

Telecommunications Engineer **08/2011 - 09/2012**
Dar Al-Handasah (Shair and Partners), Lebanon

- Designed and reviewed 5 major low-current and infrastructure telecommunications projects
- Interfaced effectively with multidisciplinary teams to deliver impactful projects.
- Estimated and reported required specifications, cost estimates, bills of quantities, methods of measurement, and concept design reports in accordance with project criteria and applicable standards.

Lab Instructor and Research Assistant **09/2010 - 05/2012**
American University of Beirut, Lebanon

Education

Doctor of Philosophy in Electrical and Computer Engineering **09/2012 - 05/2015**
American University of Beirut, Lebanon

Master of Engineering in Electrical and Computer Engineering **09/2010 - 08/2012**
American University of Beirut, Lebanon

Bachelor of Engineering in Communications and Electronics Engineering **09/2005 - 06/2010**
Beirut Arab University, Lebanon

Certificates and Awards

- Project Initiation: Starting a Successful Project, *Google*. 07/2022
- Foundations of Project Management, *Google*. 07/2022
- Certified ActiveScore AP. 07/2022
- *Wiley* most downloaded article in the *Int. Journal of RF & Microwave Computer-aided Eng.* 2022
- Certified WorkReadyNow trainer, *Higher Education Capacity Development Program* . 2020
- Certified on Curriculum Design, Assessment and Feedback, *University of Roehampton*. 2017

Scholarships and Grants

- Associated Research Unit Program, CNRS - Lebanon. 2013 - 2015
- CNRS-Lebanon Doctoral Scholarship. 09/2013 - 05/2015
- Lebanese Association for Scientific Research (LAsER) Scholarship. 09/2013 - 05/2015
- The Association of Specialization and Scientific Guidance (SSG) Scholarship. 01/2006 - 06/2010
- Rafic Hariri Foundation Scholarship. 09/2005 - 06/2010

Professional Memberships

- Member of the Association of Professional Engineers and Geoscientists of Saskatchewan. Since 2021
- Organizer of the HPCS 2019, HPCS 2018, HPCS 2017, and MECAP 2016 conferences.
- Secretary of the IEEE AP/MTT/MAG Lebanon Chapter. 2015 - 2016
- Member of the IEEE Antennas and Propagation Society. Since 2013
- Member of the Lebanese Order of Engineers. Since 2011
- Member of the Institute of Electrical and Electronic Engineers (IEEE). Since 2006
- Peer reviewer of: IEEE Access, IEEE Sensors Letters, IET Communications, Microwave and Optical Technology. Letters, International Journal of Antennas and Propagation, International Journal of Engineering.

Skills

- Productivity tools: Microsoft Word, PowerPoint, Excel, Google Docs, Google Spreadsheets, LaTeX.
- Work Management Software: Asana
- Online Meeting Software: Microsoft Teams and Zoom.
- Strong organizational skills, expert in team building, with advanced leadership and decision-making skills.
- Skillful in project management with talented interpersonal skills.
- Fluent in English and Arabic (native language), with basic knowledge of French.

Voluntary Experience

Regulatory Affairs Coordinator

05/2010 - 05/2015

Non-governmental Organization, Lebanon

- Led a team of 11 members representing different syndicates in Beirut
- Organized and managed syndicates elections

Leader of Student Council

09/2006 - 05/2010

Beirut Arab University, Lebanon

- Led a team of 35 members and represented the council in meetings with the dean of students affairs
- Organized, planned, and managed the execution of various activities and events