Mohammad Hamdar

Personal Information

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Education

American University of Beirut — Riad El Solh, Beirut
Master of Science in Mathematics — *Aug 2019 – May 2021*

Lebanese University — Hadat, Beirut
Bachelor of Science in Mathematics — *Oct 2016 –June 2019*

Professional Experience

Research Assistant — Riad El Solh, Beirut
American University of Beirut — *Aug 2021 – Present*

Graduate Teaching Assistant — Riad El Solh, Beirut
American University of Beirut — *Aug 2019 – May 2021*

Was an assistant for a number of courses at the department of mathematics:

- Graded students' homework
- Corrected specific exams
- Proctored numerous exams
- Gave recitation sessions and occasionally taught classes
- Worked in the Math Clinic helping students of all levels who are facing difficulties in mathematics to overcome them

Private Tutor — *Feb 2016 – Present*

- Was involved in mentoring and motivating students of different age groups to learn and appreciate mathematics
- Taught a lot of students coming from different backgrounds, and assisted them in various projects and assignments

Service and Professional Activities

Science Fair Judge — *Mar 2021*

Served as a judge in the 26th Annual Science, Math and Technology Online Fair organized by the Department of Education, Education Students Society and Science and Mathematics Education Center at the American University of Beirut.
This is the only science fair that is organized in Lebanon.

Publications

Other Academic Publications

- *Economic and Technical Modeling of the Lebanese Crypto Currency: Implication for a Digital-Lira (DL)* (with Bassam Hamdar and Tarek Saad), International Journal of Business Administration, vol. 12, no. 2 (2021)
- *Economic Analysis of the Negative Interest Rate Policy (NIRP) on Asset Price Inflation: The Case of the Eurozone* (with Bassam Hamdar and Yamen Skheita), International Journal of Economics, Commerce and Management, vol. VIII, issue 10 (2020)

Contributed Talks

- **The Riemann Hypothesis for Period Polynomials of Modular and Hilbert Modular Forms**, American University of Beirut, April 27, 2021
- **Maximum Principles for Elliptic Operators**, American University of Beirut, May 12, 2021

Relevant Skills

Languages

Arabic (native language), English (fluently read, spoken and written), French (basic knowledge).

Computer Skills

Good knowledge of LaTeX, Maple, PARI/GP and SageMath.