

Samia Zein

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Beirut, Lebanon

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EDUCATION

American University of Beirut (AUB), Beirut, Lebanon
MBA - GPA 3.88/4.0

August 2019-May 2021

American University of Beirut (AUB), Beirut, Lebanon
BE in Civil Engineering
GPA: 3.46/4.0

September 2013-June 2018

Hariri High School II, Beirut, Lebanon

September 1999-June 2013

Lebanese Baccalaureate in General Sciences (GS), graduated with a mention of Excellent.

EXPERIENCE

American University of Beirut (AUB), Beirut, Lebanon

June 2020-December 2020

Graduate Assistant (GA) at the Center for Inclusive Business and Leadership for Women (CIBL)

- Active Researcher in the « **SAWI Project** » - a 3 Million Dollar Project Aiming to Accelerate Women's Economic Inclusion in Arab MENA Workplaces.
- Conducted Research on Policies, Practices, and Initiatives existing in the Areas and Industries of Interest.
- Assisted in Completing Data Bases.
- Conducted Intensive Research on Specified Topics Namely Issues Related to Women Empowerment and the Realities Faced by Women in the Countries Included in the Study .
- Presented Research Findings to the Involved Parties.
- Translated Seminar Discussions from Arabic to English to be posted on YouTube.

American University of Beirut (AUB), Beirut, Lebanon

August 2019-Current

Graduate Assistant (GA)

- Participated in Weekly Meetings with Faculty Members and Professors to discuss Learning Objectives.
- Assisted in Assessing the Effectiveness of Learning Objectives of Undergraduate Courses.
- Proctored Assigned Exams.
- Assisted Assigned Professors in Matters Relating to Course Activities.

Wellspring Learning Community, Beirut, Lebanon

May 2019-August 2020

MYP Math Support Teacher

- Coordinated with the Learning Diversity Department and Counsellor to Keep Track of Students' Academic and Non-Academic Progress.
- Scheduled Meetings with Parents to Provide Advice and Updates on the Students' Status.
- Actively Participated in Weekly On-Campus Events.
- Instructed Students with Varying Levels of Learning Difficulties.
- Evaluated Students' Progress and Communicate it to Relevant Parties.
- Collaborated with the Math Department to Facilitate Different Teaching Techniques.
- Supervised Student Assessments and Exams.

Shehab Engineering and Consulting (SECO), Beirut, Lebanon

April 2018-April 2019

Junior Civil Engineer

- Created Marketing Content for the Projects at Hand to be Posted on the Company Website.
- Designed Structural Members (Slabs, Beams, Columns).
- Prepared Tender Documents, Snag Lists, Bills of Quantities (BOQs), Quantity Takeoffs, and Shop Drawings.
- Designed Architectural Floor Plans using AutoCAD 2D.
- Communicated with the Different Departments involved in Projects to Minimize Delays.
- Conducted Regular Site Visits to Assist the Site Engineer in Supervising the Progress of the Work.

Dar Al Handasah, Shair and Partners, Beirut, Lebanon

May 2017-June 2017

Geotechnical Intern

- Conducted Borehole log Analysis.
- Performed Pile Design.
- Extracted Information from the Liquefy Pro Software and Compiled it with Relevant Reports.
- Collected, Compiled, and Summarized Information on Ground Improvement Techniques.

- Administered Simulations on PLAXIS 2D to Analyze the Stability of Geotechnical Systems.

HUMANITARIAN WORK

- Teacher at Save the Children's "Bulgari Project" aiming to provide educational support services to some of the most vulnerable students present within Lebanese territories. The project commences on March 1st, 2021.

EXTRACURRICULAR ACTIVITIES

American University of Beirut (AUB), Beirut, Lebanon

January 2019

- Participated in the American Society of Mechanical Engineers (ASME) 2019 Eurotrip. Countries Included: France, Belgium, Germany, and Holland.

American University of Beirut (AUB), Beirut, Lebanon

- Previous Member of the American Society of Civil Engineers (ASCE).

WORKSHOPS AND CERTIFICATIONS

- Awarded with a Certificate for the Completion of a 50-Hour Course titled "**GENDER EQUALITY AWARENESS**" extending from June 1 to September 30, 2020 offered by The Free Project which is Co-funded by the European Union (EU).
- Microsoft Innovative Educator (MIE) certification received in August 2019.
- Received certification for the completion of the course "Think About It : Graduate Students" as part of the AUB Title IX training aimed at creating a safe environment, free of sexual harassment and discrimination received in September 2019.
- Received a CITI certificate for completing an online course for Responsible Conduct of Research (RCR) titled "Social and Behavioral Responsible Conduct of Research" in September 2019.
- Won Second prize at the Lafarge Holcim Awards for the Academic Year 2016-2017 for the Final Year Project titled: Sustainable Earth Structures for Displaced Populations.
- Obtained a Certificate of Participation at the IBDA 2017 Competition Under the Category Improved Energy Efficiency and Renewable Resources for the Project titled: Sustainable Earth Structures for Displaced Populations on May 2017.
- Obtained a Certificate of Achievement in Mathematics and Critical Thinking for taking the Collegiate Assessment of Academic Proficiency (CAAP) tests
- Obtained a Certificate of Participation for Actively Participating in the International Biodiversity Day (IBDA) at AUB on April 2014.

SUMMARY SKILLS

Languages: Arabic (Native), English (Native/Bilingual), French (Working).

Computer skills: Microsoft Office Word, Excel, PowerPoint, Microsoft Teams, OneNote.

Programming Skills: Matlab, Visual Studio C++ 2007-2010.

Engineering Software: AutoCad, REVIT, ArcGIS, Civil 3D, HEC-HMS, EPANET, SAP2000, Primavera, PLAXIS 2D, Liquefy Pro.

Soft skills: Verbal and Written Communication, Critical Observation, Adaptability, Teamwork, Cultural Awareness, and Ability to Work Under Pressure.