

## PROFILE

Master of Science in Energy  
Studies graduate from the  
American University of Beirut.

## CONTACT

Beirut, Lebanon  
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## LANGUAGES

French Full Professional  
Proficiency  
English Full Professional  
Proficiency  
Arabic Native Proficiency

## RELEVANT COURSEWORK

Science & Technology of Energy  
Engineering Sustainability  
Renewable Energy Sources  
Energy Economics & Policy  
Administration & Public Policy  
Public Economics  
Econometrics  
Contemporary Enviro Issues  
Enviro Responsive Buildings  
Engineering Hydrology  
Water Treatment & Laboratory  
Waste Management & Treatment

## COMPUTER SKILLS

Engineering/Autodesk Software  
ArcGIS, AutoCAD, Revit, Civil 3D,  
StormCAD, Robot, ETABS,  
Settle3D, TALREN, FAARFIELD  
Programming Languages  
C++, Java, MATLAB  
Windows Microsoft Office  
Excel, PowerPoint, Word

## HOBBIES

Violin, Painting, Arts & Crafts

# Randa Almas Zounji

## EDUCATION

**American University of Beirut, Beirut, Lebanon** Sep 2019 – May 2021  
MS in Energy Studies (GPA: 3.81/4)  
Thesis: Assessment of Techno-Financial Feasibility of Seawater Pumped  
Storage in Lebanon <http://hdl.handle.net/10938/22809>  
**American University of Beirut, Beirut, Lebanon** Jan 2015 – May 2019  
BE in Civil and Environmental Engineering (GPA: 3.68/4)  
BA in Economics (GPA: 3.68/4)  
Scholarship: Abdulla Al Ghurair Foundation for STEM Education 2017  
Senior Project: Integrated Sustainable Development Plan for Bkassine  
**Rafic Hariri High School, Saida, Lebanon** May 2014  
Lebanese Baccalaureate

## WORK EXPERIENCE

**American University of Beirut, Beirut, Lebanon** Dec 2019 – May 2020  
Research Assistant  
Project: Smart phase change materials  
• led experiments investigating latent heat curves for coconut oil  
**United Nations Development Programme, Beirut, Lebanon** May 2019 – Jul 2019  
Intern, Economic Research  
Project: Lebanese economy; finance, environment & agriculture  
• collected, summarized, and visualized key economic indicators  
• led in-depth research on Lebanon's environmental challenges  
• developed final report & presentation delivered to Finance Ministry  
**SETS Solutions, Beirut, Lebanon** Jul 2018 – Aug 2018  
Intern, Land Water Environment  
Project: Environmental infrastructure design and modeling  
• conducted hydrologic & hydraulic analysis using ArcGIS/HEC-HMS  
• designed stormwater network using Storm CAD  
• designed firefighting & portable water network using AutoCAD  
**Dar Al Handassah, Beirut, Lebanon** May 2018 – Jul 2018  
Trainee, Heavy Civil and Geotechnical Engineering  
Project: Foundation and airport pavement design  
• analyzed geotechnical site investigation data using Excel  
• interpreted foundation settlement using Settle3D  
• designed airport pavement thickness using FAARFIELD  
• modeled slope stability using TALREN  
**American University of Beirut, Beirut, Lebanon** Jan 2017 – Jan 2018  
Lab Assistant, Geotechnical Engineering  
Project: Geotechnical laboratory testing  
• conducted experiments and analyzed soil samples size distribution

## CERTIFICATES

Certificate of Participation, summer volunteering camp, 2018, ASCE at AUB  
Certificate of Participation, winter volunteering camp, 2018, ASCE at AUB  
Certificate of Attendance, Innovation Camp, 2017, INJAZ Lebanon  
Certificate of Participation, AUB Outdoors, 2016 & 2017, Outdoors Society  
Certificate of Participation, PeerNET Program, 2015, Skoun Addiction Center  
Certificate of Participation, Model Arab League, 2015, LAU

## EXTRACURRICULAR ACTIVITIES

Member at Large, American Society of Civil Engineering at AUB  
• Organized 2018 Bridge competition at AUB  
• Organized 2018 winter volunteering camp