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Charbel Haddad Barouke

Education

Notre Dame University -Louaize

August 2018 – May 2020

Masters of Science in Civil Engineering

Zouk Mosbeh, Lebanon

Overall GPA: 3.85/4.00

Masters' Thesis: Risk Management in Procurement of Construction Industry in Lebanon

(<http://ir.ndu.edu.lb:8080/xmlui/handle/123456789/1236>)

Notre Dame University -Louaize

September 2013 – May 2018

Bachelors of Engineering in Civil Engineering (ABBET Accredited)

Zouk Mosbeh, Lebanon

Overall GPA: 3.36/4.00 and featured seven times on the Dean's list

Senior Project: Comparison Between the Use of Light gauge Steel, Steel and Concrete in Construction

College Notre Dame de Louaize

September 1998 – May 2013

Lebanese baccalaureate in Life Sciences

Zouk Mosbeh, Lebanon

Experience

Engineering Dispatcher

June 2021 – August 2021

ConsultOnn

Ghazir, Lebanon

- Hired technicians through cold calling and followed-up with them for emergency and non-emergency work orders of different types (mechanical, electrical, plumbing, etc.)
- Sourced for material and prepared a quote for each work order
- Followed up with the client and the technician until the work order is closed

Lab Instructor

February 2021 – May 2021

Notre Dame University –Louaize

Zouk Mosbeh, Lebanon

- Adopted a hybrid and participative teaching approach while delivering sessions in concrete and pavement design lab
- Prepared and administered the class material on campus and online through diverse teaching platforms
- Designed the class project and exams to meet course competencies and lesson objectives

Salesman

November 2021 – January 2021

AMB Group

ABC Dbayeh, Lebanon

- Maintained and updated the stock of toys and assorted games
- Adjusted the display of the items in the store and placed the product price tags
- Provided high quality customer service before and after sales and handled the cash register

Graduate Teaching Assistant

August 2018 – December 2020

Notre Dame University –Louaize

Zouk Mosbeh, Lebanon

- Taught diverse laboratory classes such as hydraulics (CEN 361) and graphics for civil engineers (CEN 270)
- Presented problem solving sessions on statics (CEN 202)
- Assisted instructors through correcting classwork material and class projects and invigilated students during exams

Design Engineer Intern

SDT International

May 2018 – June 2018

Sin el Fil, Lebanon

- Modeled the structure in robot structural analysis and AutoCAD
- Checked the adequacy of the structural elements using robot structural analysis and s-concrete
- Prepared reports on property condition assessment for commercial and residential properties

Freelance Civil Engineer

Freelance

July 2017 – July 2019

Ghodras, Lebanon

- Represented the client's side on site and assisted in the supervision of the construction of the residential project from excavation to finishing
- Assisted in sourcing for the building material required
- Coordinated the activities of trade contractors for proper turn-over of work areas

Site Civil Engineer Intern

Z Architects

May 2017 – June 2017

Kaslik, Lebanon

- Monitored site staff and work schedules
- Overseen the work on site and effectively coordinated between the different parties involved
- Gained great experience in the construction of residential buildings

Salesman

OsitCom

June 2011 – July 2011

Jounieh, Lebanon

- Gained significant knowledge in the Telecom industry about media, websites and technology
- Contacted prospective and potential clients through cold calling
- Visited about 200 companies and conducted meetings with potential clients

Salesman

Daily Press

June 2010 – July 2010

Zouk Mosbeh, Lebanon

- Assisted customers in the purchase and lamination of the high school books and material
- Provided educated recommendations based on customer's needs and objectives
- Followed all customer care standards and effectively handled multiple customers



Certificates and Trainings

- November 2021: Introduction to AI and Data Science – Unihance
- November 2021: Python for Data Science (part 1) - Unihance
- November 2021: Procurement and Logistics Certificate - Disaster Ready
- November 2021: Financial Management Essentials Certificate - Disaster Ready
- November 2021: Marketing Essentials Certificate - Disaster Ready
- November 2021: Grant Seeking Essentials Certificate – Disaster Ready
- Publication in ACTEA 2019: A Study of Beirut Rapid Transit System Using Probabilistic Approach
[A Study of Beirut Rapid Transit System Using Probabilistic Approach | IEEE Conference Publication | IEEE Xplore](#)
- April 2013: Social Work Certificate from "Smile Together"



Skills

Computer Skills

Engineering design: robot structural analysis, AutoCAD, sap, Civil 3D, Sap 2000, EPA net, HCS+ and S concrete

Coding: Matlab and Python

Project management and risk management: primavera risk analysis, primavera, Microsoft Project, at risk and modal risk

Soft Skills Detail oriented, problem solving, critical thinking, time management, active listening and communication and negotiation.

Languages

- English – Fluent
- French – Intermediate
- Arabic – Native

Interests and Hobbies

- Playing chess and miscellaneous board games
- Volunteering and social work

References available upon request.