

Lea Meher Boujikian

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OBJECTIVE

Seeking a full-time job as an electrical engineer.

EDUCATION

From Sept/2015 to Feb/2019	American University of Beirut Masters in Electrical and Computer Engineering, with Emphasis on Energy and Power Systems Average over 100: 82.20	Beirut, Lebanon
From Sept/2010 to May/2015	American University of Beirut Bachelor in Electrical and Computer Engineering, with Emphasis on Energy and Power Systems Average over 100: 76.46	Beirut, Lebanon
From Sept/1995 to June/2010	Beirut Evangelical School for Girls and Boys Lebanese Baccalaureate in General Sciences: Official in 2010 Mention Bien	Rabieh, Lebanon

EXPERIENCE

From June 2015 to current	Boujikian Bros. Co Ltd Position Held: Quality Control and Purchasing Agent <ul style="list-style-type: none">Testing samples and new products to insure compatibility with the specifications and requirements of the business and the customerSearching for best suppliers and products that meet the market need	Beirut, Lebanon
From June/2014 to July/2014	National Electrical Utility Company (NEU) Position Held: Trainee <ul style="list-style-type: none">Studied applications related to construction of distribution facilities for network extension and reinforcement for medium voltage levelPrepared design reports for the demand applicationsPrepared BOQs and SLD files on AutoCAD for the demand applicationsConducted visits to substation construction sites and MV network reinforcement sites	Beirut, Lebanon

PROJECTS ACCOMPLISHED

- Master's Thesis: Development of Natural Gas in Lebanon: Assessment of its Impact on Electric Power Generation. The thesis evaluates a proposed generation expansion plan and assesses several potential scenarios, in light of recent developments in renewable energy and explorations for natural gas in Lebanon. Probabilistic production costing was used to calculate the Expected Energy Not Supplied, and evaluate the energy produced in addition to the costs of production and investments required. The assessment was done using a standard generation expansion planning tool which was upgraded to incorporate renewable energy sources using the residual load duration curve method.
- Final Year Project: Navigation of Electric Wheelchair by Body Movements. For individuals with quadriplegia the system detects human breath and generates signals to control the wheelchair based on the breath pattern. A DA100C amplifier and TSD160B differential pressure sensor provided from BIOPAC Systems Inc. were used as a basic part of the system to get the desired signals from the user to control the wheelchair. The coding of the PIC was done with MicroC and the system was tested on Proteus.

Extracurricular Activities

- Member of Engineers Without Border (EWB) in 2012
- Member of Lebanese Armenian Heritage Club (LAHC) 2010-2015

SUMMARY SKILLS

COMPUTER SKILLS: MS Word, Excel, PowerPoint, MATLAB, AutoCAD

LANGUAGES: Fluent in English, Arabic and Armenian with basic knowledge in French (writing, reading and speaking)

SOFT SKILLS: Leadership, Communication, Team-Building, Organizational, Management

REFERENCES

Available upon request