

**Zahraa Malik Al Sahili**

Address: Kafaat, Hadat, Mount Lebanon

Phone Number: +961-76-987833

E-mail Address: zma35@mail.aub.edu

**EDUCATION Most Recent Backwards**

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<b>From 9/14 to 12/18</b>	<b>American University of Beirut</b>	Beirut, Lebanon
	<p>Bachelor's in Electrical and Computer Engineering. Date of Graduation: December 2018 Relevant Courses Taken: Introduction to programming, Data structures and algorithms, Cryptography and network security, final year project. <i>Online courses(codecademy.com):</i> Learn SQL: Learned manipulation, queries, aggregate functions, multiple tables. Did four SQL projects through the course. Learn HTML: Studies elements and structure, tables and forms. Finished 3 html projects. Learn CSS: Examined Selectors and visual rules, the box model display and positioning colors, typography, grid. Did 4 CSS projects. Learn JavaScript: In progress.</p>	
<b>From 9/02 to 5/14</b>	<b>Al Mahdi Shahid High School</b>	Beirut, Lebanon
	<p>Lebanese Baccalaureate: General Sciences Official in 2014 Graduated with school average of 93</p>	

**EXPERIENCE Most Recent Backwards**

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<b>From 9/7/2018 to 16/8/2018</b>	<b>Dar Al Handasa (Shair&amp;partners),</b>	Beirut, Lebanon
	<p>Position Held: Trainee at ECE department.</p> <ul style="list-style-type: none"><li>• Learned cables sizing and circuit breakers types.</li><li>• Examined the Life safety code: NFPA 101, and Motor control centers.</li><li>• Leaned the Photovoltaic systems basics and sizing.</li><li>• Studied the interior lighting basics and Designed two interior lighting projects using DIALux.</li><li>• Examined elevators design principles and went through an Elevator design using Elevate.</li><li>• Studied exterior lighting basics and designed an exterior lighting project using Ulysse.</li><li>• Applied load shedding on AutoCAD.</li></ul>	
<b>From 23/7/2018 to 24/7/2018</b>	<b>Electrical System in Photovoltaic, ABB training</b>	Beirut, Lebanon
	<p>Position held: Volunteer</p>	

- At Dar Al Handasa, we attended a PV training that was done by ABB to train electrical engineers at DAR for PV types, installation standards, safety issues, sizing and connection. The training aimed to assist the solar plan the engineers were working on for ABU DHABI airport.

## PROJECTS ACCOMPLISHED/OR EXTRA CURRICULAR ACTIVITIES

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- **Final year Start-up project (Football Eye) using python coding and Raspberry pi controller.**
- **SQL projects: Create a table, New York restaurants, Trends in Startups, Multiple tables with REBO.**
- **HTML projects: Fashion blog, Festival schedule, Form a story.**
- **CSS projects: Healthy recipes, Olivia Woodruff portfolio, the box model: Davie's burger.**
- **Air flight system using C++.**
- **Speed and Position Control using MATLAB.**

## SKILLS

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**Languages:** Fluent in English, Arabic (writing, reading and speaking)

**Computer Skills:** MS Word, Excel, PowerPoint, SQL, CSS, HTML, C, C++, Java, Python, ADS, Antenna Magus, HOMER, DIALux, Ulysse, AutoCAD, Elevate, PowerWorld, MATLAB, Simulink, LabVIEW, ORCAD PSpice, ADS.

**Research Skills:** **MATLAB, ADS, PSpice, Simulink, HOMER**

**Soft Skills:** Leadership, Communication, Teambuilding, Management.