

Rayan Bou Ajram

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Beirut, Lebanon | 21/11/1996

EDUCATION

Beirut Arab University – Debbieh, Lebanon

Bachelor of Engineering in Mechanical Engineering, GPA 3.7
Ranked top 5 among my class

Sep 2014 – Dec 2018

Greater Beirut Evangelical School – Beirut, Lebanon,

Lebanese Baccalaureate, high distinction – General Sciences (Mathematics emphasis)

Oct 2000 – Jun 2014

EXPERIENCE

Retention Support Program, Physics Grade 9, Caritas – Beirut, Lebanon

Aug 2020 – Sep 2020

- Collaborating with Caritas to provide education for the refugees in Lebanon
- Assisting students in reaching a higher level of education that allows their enlistment in schools
- Teaching students the 9th grade physics curriculum online

Intern Mechanical Engineer, Khatib & Alami – Beirut, Lebanon

Jan 2020 – Mar 2020

- Working on Middle East Airlines Facilities Building construction
- Site inspection, BOQ takeoff, quality control and review of material submitted
- HVAC piping and duct sizing according to the specified requirements
- Designing firefighting pipe system according to NFPA regulations
- Review of shop drawings (HVAC ducts and pipes, Water supply, Drainage and Firefighting)

Intern Mechanical Engineer, Rafic Gazzaoui & Co. S.A.L – Beirut, Lebanon

Dec 2019 – Jan 2020

- Performing the necessary calculations for the required head and flow of large scale projects
- Selecting and installing the suitable Xylem pumps for the required applications such as water treatment, drainage, water supply, water circulation, floor heating and solar heating
- Quality control and review of submitted material
- Working on AutoCAD, Lowara and Xylect software in order to perform the necessary calculations
- Working on large scale projects starting with the sizing of pipes and accessories to selecting the suitable type of pumps

Intern Automation Engineer, Rafic Gazzaoui & Co. S.A.L – Beirut, Lebanon

Oct 2019 – Dec 2019

- Installing and troubleshooting automation systems including KNX, Vantage and Bticino
- Programming automation systems using ETS5, Vantage and MyHome suite software
- Performing individual tasks and managing small projects gaining firsthand experience as an automation engineer
- Working on large scale projects such as SKYGATE, BAU and Gemmayze Village

Advanced Learning Program Mathematics Teacher – Beirut, Lebanon

Jan 2019 – Apr 2019

- Collaborating with UNICEF to provide education for the refugees in Lebanon
- Assisting underprivileged children in reaching a higher level of education that allows their enlistment in schools
- Working with professional teachers on methods that facilitate the communication with the children and increase their comprehension

Private Tutor / AutoCAD – Beirut, Lebanon

Jan 2019 – PRESENT

- Providing the basics needed to work on AutoCAD and the ability to complete small projects
- Helping students with their projects and reports by completing complex designs and formulating 3D models on AutoCAD

Intern Automotive Technician, RYMCO S.A. – Beirut, Lebanon

Jan 2018 – Feb 2018

- Assessing INFiniti and NISSAN vehicles for malfunctions regarding mechanical and electrical components
- Completing repairs ranging from all aspects of the vehicle such as vehicle transmission, engine block, electrical system and mechatronics system
- Reading and analyzing schematics and manuals related to new systems and features
- Worked with experienced technical experts allowing me to gain skills, attitudes and behaviors that will improve my overall performance and professionalism in any workplace
- Performing daily tasks individually helped boost my self-confidence and decreased my reliability on other members to efficiently complete the job

Private Tutor / Mathematics and Physics – Beirut, Lebanon**Sep 2014 – PRESENT**

- Providing continual assessment of student progress throughout the entire duration and maintaining records for future references
- Developing the student's abilities according to his need and facilitating comprehension for individuals with learning difficulties

EXTRACURRICULAR ACTIVITIES

Member of Sahel Metn Chmely Basketball Team (SMC) – Beirut, Lebanon**Sep 2018 – PRESENT**Participating in the Lebanese 4th Division Basketball League**Member of the American Society of Mechanical Engineering (ASME), BAU – Debbieh, Lebanon****Sep 2015 – Dec 2018**

- Organizing seminars regarding the latest advancements in mechanical engineering and robotics
- Inviting directors and professors to give their insight on the evolution of engineering
- Organizing trips to companies such as STAUNCH in order to observe the workplace environment

Member of BAU Activities, BAU – Debbieh, Lebanon**Sep 2014 – Dec 2018**

- Arranged job fairs, events and activities for campus students such as homecoming and open day
- Organized and invited local singers and celebrities to BAU events which hosted more than 300 students

Member of BAU Men's Varsity Basketball Team – Debbieh, Lebanon**Sep 2014 – Dec 2018**

Participated in several tournaments and helped win several trophies for BAU

AWARDS AND CERTIFICATES

Ranked 2nd in BAU Engineering Competition, BAU – Debbieh, Lebanon**Dec 2018**

Designed and developed a laser automated carwash machine with high efficiency and low water consumption

International Computer Driving License

The ICDL certification is a highly recognized qualification which offers key recognition of the literacy in computer skills

Jan 2016**LANGUAGES AND SKILLS**

Languages: English (Fluent), Arabic (Native), French (Intermediate)**Programing skills:** AutoCAD, SolidWorks, LabView, PipeFlow Expert, Arduino, HAP4.9, Lowara, ETS5 and Microsoft Office

References Available Upon Request