

## EDUCATION

### American University of Beirut (AUB), Lebanon

Aug 2018 – Present

- Bachelor of Engineering in Mechanical Engineering with minor in Business.
- 3.63 GPA. Graduating in May of 2023. Dean's Honor List for 4 semesters, most recently in fall semester of 2021.
- Courses taken: Statics, Dynamics, CAD/CAE/CAM, Eng. Materials, Mechanics of Materials, Mechanics of Machines, Mechanical Design, Thermodynamics, Fluids, Heat Transfer, Programming, Numerical Computing, Electronics, Instrumentation, Dynamic System Analysis, Control Systems, Manufacturing, Biomaterials & Medical Devices.

### The International School of Choueifat (ISCAD), Abu Dhabi, U.A.E.

Sep 2006 – Jun 2018

- High School Diploma. Final average: 93.

## WORK EXPERIENCE

### Abniah S.A.R.L., Beirut, Lebanon – Mechanical Engineering Intern

Jun 2021 – Aug 2021

- Trained at the construction site of the Middle East Airlines Facilities Office Building in the Beirut airport.
- Learned about and performed routine inspection of various HVAC components, ensuring their installation.
- Organized project-related files and updated logs to keep track of all on-site activities.

## SKILLS

**Computer Skills:** Creo Parametric, Autodesk Inventor, AutoCAD, Python, MATLAB, Simulink, C++, NI LabVIEW, Microsoft Word, Excel, PowerPoint, Google Docs, video editing.

**Soft Skills:** Communication, leadership, presentations, problem-solving, adaptive learning, working under pressure.

**Languages:** English & Arabic (Fluent in speaking, reading, and writing), German (beginner, learning).

## AWARDS & CERTIFICATES

**Coursera** – Programming for Everybody (Getting Started with Python) by University of Michigan in January of 2022.

**College Board Advanced Placement Exams** – Scholar with Distinction Certificate in July of 2018.

## PROJECTS

**Control Systems Project:** designed a bicycle balancing system using MATLAB with a team in December of 2021.

**Formula Race Car:** utilized power tools to manufacture parts and assemble a miniature F1 car in December of 2021.

**Eschede Train Derailment of 1998:** studied the case and offered solutions to the cause of failure while coordinating with a team in December of 2020.

**Mindstorms EV3 Sumo Robot Competition:** built and programmed a robot for a sumo robot competition in collaboration with a team in November of 2019.

**International Biodiversity Day at AUB (IBDAA) Competition:** worked with a team on a project on transforming the plastic pollution of Ain Mreisse from February to April of 2019.

**Senior Video for the ISCAD Class of 2018:** created a video over the span of three months for the graduating class of 2018, compiling photos and videos of the best moments of the year. Arranged regular meetings with the committee.

## EXTRACURRICULAR ACTIVITIES

**University Clubs:** Member of the professional development subcommittee teams at the AUB ASME Club and at the AUB Rotaract club since September of 2021. Cabinet member at large in the AUB Ciné Club organizing events and activities, managing social media, and attracting new members since September of 2020. Member of the AUB Robotics club.

**Volunteering:** Assisted runners in need of help at the Beach Run in Abu Dhabi in November of 2016. Took part in a clean-up of beaches in Batroun with the SWIM Initiative in September of 2021.

**Interests:** Keeping up with the latest in technology, software, and entertainment.