# Muhieddine Skafi

Phone Number: +96181761923 | E-mail Address: mks41@mail.aub.edu

# **EDUCATION**

American University of Beirut (AUB)

Beirut, Lebanon

Bachelor's in Mechanical Engineering (BE), with emphasis on Thermodynamics

Class of 2023

Cumulative GPA: 3.07/4.0

Houssam Eddine Hariri High School (HHHS)

Saida, Lebanon

International Baccalaureate Diploma Program (IBDP)

Class of 2019

Math HL, Physics HL, Arabic B HL, English A SL, Biology SL, ESS SL, CAS, TOK and EE (Physics)

Graduated with distinction -- Grade: 85/100

# **EXPERIENCE**

Cashier and Seller | Saida, Lebanon

June 2017- August 2017

• Worked as a cashier and seller in an electronics shop

#### **Student Engineering Competition | AUB**

November 2019

- · Led a team in a model bridge competition by assessing and creating a bridge that can resist specified weights without collapsing
- Programmed a robot using LabView to compete against other robots in a robotics competition

# Design of a Packaging Mechanism | AUB

April 2021

- Collaborated with a group to identify flaws in bottling and packaging facilities
- Designed a system that boosted efficiency and optimized packaging using Autodesk Inventor

#### Design of a Pump-storage System | AUB

May 2021

• Design stage (determined most suitable pipe sizing) and Operational stage (profitability analysis to determine the most cost-effective way to run the system)

#### Manufacturing of a Mini F1 Car Model | AUB

December 2021

- Manufactured parts of the modelled car using various manufacturing processes then assembled the car along with a team
- Competed in a race against other teams using our assembled model

#### Lab Instructor for MECH332 (Mechanics of Machines) | AUB

January 2022- May 2022

· Taught students how to use Autodesk Inventor to create machine parts and simulate forces and movements

# EXTRA CURRICULAR ACTIVITIES

# Member at the ASME AUB Organization

September 2021 – Current

#### **AUB Culinary Club**

September 2021 – Current

• Part of a club where people learn how to cook and share their cooking knowledge

#### **Usher in HHHSMUN**

November 2018

• Organized the event and made sure the team was responsible and respectful

#### **School Basketball Team**

*September 2017 – May 2018* 

• Participated as a player in training sessions and school tournaments

# Fundraising Event to Build a Mosque with "Al Riaya" Organization | Saida, Lebanon

February 2018

· Helped collect money from all school members and explain the cause to them and gave the collected money to the organization

# Ramadan Fundraising for Iftar | Saida, Lebanon

June 2018

- Collected money to buy the essentials to make meals for the needy
- Cooked the meals and distributed the meals to needy people and NGOs

# **SKILLS**

Languages: Native or bilingual proficiency in English and Arabic / Professional working proficiency in French

**Computer Skills:** Microsoft Excel, Microsoft Word, Microsoft PowerPoint, C++, MATLAB, LabVIEW, NI Multisim, Autodesk Inventor, AUTOCAD, Arduino, Creo

Research Skills: Attention to detail, Problem-solving, Time Management

Soft Skills: Leadership, Communication, Team building, Organizational Management, Public Speaking, Report Writing

Hobbies: Football, Swimming, Tennis, Gymnastics