

## Abir Kalout

---

Via Redipuglia, 7 • Verona, 37135 • [akk18@mail.aub.edu](mailto:akk18@mail.aub.edu) • +39375659803

### Education

#### AMERICAN UNIVERSITY OF BEIRUT

Electrical and Computer Engineering, Power, and Control Systems.

Track in Robotics

Graduated with Distinction.

Dean's Honor List.

Relevant courses:

- Electronics Circuits
- Instrumentation
- Machine Learning
- Web Development

Beirut

June 2022

#### SimpliLearn

### Experience

#### DevOps Trainee

- Trainee in the ForwardMena traineeship program for the Arab Youth in DevOps.

Lebanon  
ongoing

#### Meta Professional Web Developer Certification

- Certified front-end developer

ongoing

#### Parkyeri

##### Intern

- Designed a Learning Management System Website for a school
- Programmed FPGA device using the Migen language on LiteX platform
- Collaborated with different teams through the Agile methodology

Istanbul  
June 2021 – August 2021

#### NPCC

##### Intern

- Designed Cables for power transmission.
- Learned the different sensors used for gas and oil extraction.  
Trained in Project Management

Abu Dhabi  
June 2020 – Sept 2020

### Projects

- **Final Year Project Autonomous race car – NXP CUP**  
Designed an autonomous race car at the limits of handling  
Participated in the national NXP cup competition
- **Solar Powered Tent: course project**  
Modeled a solar powered tent for camping
- **Webpage for the faculty of Agriculture: course project**  
Designed new front-end and back-end functionalities for the faculty of Agriculture website
- **Machine learning for cryptocurrency price prediction: course project**  
Utilized semantic analysis to predict the future values of digital coins

## Activities

### IEEE Women in Engineering, AUB

Public Relations Officer

Beirut

Sept 2021 – June 2022

### Outlook Newspaper

Staff Writer

Beirut

Sept 2020 – June 2021

### IEEE Women in Engineering, AUB

Third Year Engineer Representative

Sept 2020 – June 2021

## Skills & Interests

**Technical:** JavaScript, Linux, React, C++, Python, HTML, CSS, MATLAB, Ansible, Docker, Terraform.

**Operating Systems:** Windows, Linux

**Language:** Arabic: Native, English: Fluent, Italian: Intermediate, French: Beginner