

Bernard MAACARON

- **Age:** 23 years old
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Lebanon.

DISTINCTIONS

- Best project:
 - Discrete Mathematics
 - Programming I
 - Differential Equations
- Recognized on the Dean’s Honor Award in recognition of High Academic Performance

SKILLS

- **Programming**
Python MATLAB
C++ LabVIEW
TensorFlow Arduino/C
Emphasis on Data Science and ML libraries in Python
- **Hardware**
Arduino ESP
Google Coral Raspberry Pi
Pixhawk
- **Design applications**
CAD design (Fusion 360)
Cura
Circuit Maker
- **Bureaucratic applications**
Microsoft Office Word
Microsoft Office PowerPoint
Microsoft Office Excel

RELEVANT CERTIFICATIONS

- CLAD – National Instruments
- Huawei 5G Certification

LANGUAGES

- **Native language**
Arabic
- **Professional proficiency**
English French
- **Spoken proficiency**
Armenian

HOBBIES

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| Aikido | Basketball |
| Badminton | Dancing |
| Hiking | Rock Climbing |

ACADEMIC BACKGROUND

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| 2016 - 2020 | B.Sc. in Computer and Communications Engineering - American University of Science and Technology <ul style="list-style-type: none">• Research paper pending: Senior project on “Exercise quality assessment for small datasets using Joints Detection and SVM” |
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PROFESSIONAL EXPERIENCE

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| 2020 – 2022 | Teacher’s Assistant and Departmental Assistant (Beirut, Lebanon) – American University of Science and Technology, Faculty of Arts and Sciences <ul style="list-style-type: none">• Prepared course material and presentations for Computer Science courses.• Research assistant to the chairperson of the Computer Science department.• Developed new specialization programs in the fields of Data Science, Data Mining, Business Analytics and Big Data. |
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| 2019 – 2020 | Research and Development Engineer (Beirut, Lebanon) – International Software Solutions (ISS Sal) <ul style="list-style-type: none">• Handled R&D in the newly integrated Robotics Department.• Supervised and participated in the development of a fully autonomous all terrain rover.• Worked on design and testing of drones integrating the Pixhawk 4 board and interfaced using Mission planner.• Designed, produced and stress tested 3D printed rover and drone components. |
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| 2017
(Summer) | Floor Supervisor (Beirut, Lebanon) – VINOX – 12 Weeks <ul style="list-style-type: none">• Led and supervised a team of six people leading to the enhancement of workflow.• Organized manufacture practices making production more efficient. |
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| 2009 – 2021 | Dance Instructor (Middle East) – Makriss Dance Ministry <ul style="list-style-type: none">• Performed in international festivals across the Middle East.• Achieved 4 consecutive first place wins at the Lebanon Federal Dance Cup 2016-2017 in five categories. |
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LEADERSHIP

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| 2020 (Spring) | 2nd place Intra-Campus environmental business pitch, Hemp+ Team – Hult Prize |
| 2019 - 2020 | Vice Chair – AUST IEEE Student Branch |
| 2019 | 2nd place winning team head coach – AUST Robotics Camp |
| (Summer) | |
| 2012-2020 | Founder, President, Delegate, Chair and Advisor (Beirut, Lebanon) – Model United Nations (MUN) <ul style="list-style-type: none">• Founded the AUST Model United Nations Club.• Assistant Chair of the Security Council for the international conference BEYMUN - 2019 |

COMMUNITY SERVICE

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| 2016 - 2017 | Rescuer and Communications Hardware Administrator – Lebanese Red Cross Emergency Department |
| 2010 - 2015 | Certified Mediator – Université Saint-Joseph with Emphasis on Mediation in School Environments |
| 2004 - 2019 | Scouts Du Liban - Acted as a member, scout leader and guide for teenage boy scouts. |