





Khaled Jalloul

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Senior Computer Engineer

Education

Computer Engineering | Lebanese American University | 2018 – Expected Graduation: 2023

- Granted a 100% Merit Scholarship.
- Previously awarded with a 20% scholarship from LAU's high school engineering competition.
- Current cumulative GPA: 3.89/4.

Major Courses

Engineering Programming	Digital Systems	Electric Circuits & Electronics
Data Structures	Computer Architecture	Microprocessors
Logic Design	Computer Networks	

Baccalaureate Certificate of Secondary Education | Hariri High School III | 2004 - 2018

- SAT Score: 1450
- Member of the Journalism club and the Active Citizen Training Program.

Experience

Robotics Intern | BMW Group, Munich, Germany | August 2021 – April 2022

- Contributed to the development of an industrial robot used in the Logistics Robotics department at BMW Group.
- Implemented new movement and functionality features using the Robot Operating System (ROS) library in Python.
- Collaborated with multinational teams using Git, Docker, and modern agile project management standards.

Extracurricular

Volunteer as an Instructor | All Girls Code, American University of Beirut | 2018

- Workshop aimed at encouraging young women to enroll in fields of engineering, coding, and robotics.
- Contributed to the management and presentation of two classes of 40 students with another volunteer.
- Taught web development and provided insight on the use of coding in astronomy photograph coloring.

Certified Workshops | 2016 - 2017

Attended certified extracurricular workshops to form a strong background to the field of computer engineering.

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| • Networking Course | (2017) | [Mira Training Center] |
| • Computer Maintenance Course | (2017) | [Mira Training Center] |
| • Arduino Course | (2016) | [The Little Engineers] |

Participant in the 6th Model Arab League | Lebanese American University | 2017

- Took part in professional debates and impromptu speeches in a pair work model of an Arab League conference.
- Strengthened my efficiency in organization and time management by researching and working on the spot.

Technical Skills

Acquired technical expertise and developed personal and university projects handling:

- **General-purpose programming languages:** Python, Java, JavaScript.
- **Hardware Programming:** Quartus, Assembly, VHDL, Verilog, Arduino, SCL.
- **Frameworks:** Robot Operating System.
- **Back-end languages:** NodeJS, PHP.
- **Database Systems:** MongoDB, MySQL.
- **Web Development:** ReactJS, HTML, CSS.
- **Mobile App Development:** Flutter, Android Studio.
- **Platforms:** Git, Docker.

Language Skills

- Arabic: Native
- English: Fluent
- German: Beginner