SAMER DAMAJ

Beirut, Lebanon · +961 71 549 509

samerad00@gmail.com · https://www.linkedin.com/in/samer-damaj-19b837175/

Graduating senior in computer engineering, currently seeking professional opportunities to leverage my skills and knowledge in the field.

EDUCATION

2020 - 2024

BE IN COMPUTER ENGINEERING, BEIRUT ARAB UNIVERSITY (BAU)

- **Key Courses:** Engineering Ethics, Programming, Data Structures and Algorithms, Object Oriented Programming, Analysis and Design of Algorithms, Digital Systems Design, Computer Architecture, Control Systems, Transmission and Processing of Digital Signals, Introduction to Robotics, Software Engineering, Database Systems, Introduction to Artificial Intelligence and Machine Learning, Computer Networks, Machine Learning, Cryptography, IoT Platform and Implementation, Blockchain Network Programming, Embedded and Microprocessor Systems, Operating Systems, Compilers.
- **CGPA: 3.69**

JUNE 2020

HIGH SCHOOL DIPLOMA, LE LYCEE NATIONAL

- Started school at Le Lycée National School since 2005 and graduated in 2020.

SKILLS

- Java; Python; C
- Adobe Photoshop; Adobe Illustrator
- MATLAB
- Typing
- Database Management

- Arduino
- Leadership
- Raspberry Pi
- Machine Learning
- SQL Programming

ACTIVITIES

- **Volunteering:** Been volunteering in the scout movement since 2013 and gained Service Medals and gained leadership skills at Muslim Scout Association of Lebanon.

- **Certifications:**
  - MATLAB onramp (MathWorks)
  - Computer Maintenance (IRSHAD ISLAH)
  - Typing (Typing.com)
  - TechnoCamp2019 (Rafik Hariri University (RHU))
  - STEAM Fair (Le Lycée National Schools)

- o Service Medal (Muslim Scout Association of Lebanon)
- o Machine Learning with Python (IBM)
- o IC3 Certification – Global Standard 5
- o Artificial Intelligence Challenge Certification

- **Achievements:**
  - o 3rd place in Mount' Lebanon table tennis tournament issued by the Lebanese Table Tennis Federation (LTTF) in 2018.
  - o 3rd prize in IEEE BAU Scientific Day with a project entitled Harnessing AI and IoT for Sustainable Crop Management and Precision Agriculture.
  - o Top 4 in an artificial intelligence challenge organized by Beirut AI and Berytech, in the agriculture industry.

- **Projects:**
  - o Pharmacy Management System using C programming language. (2021)
  - o Pharmacy Management System using Python programming language. (2021)
  - o Food Ordering System using Java programming language. (2022)
  - o Smart House using Arduino. (2019)
  - o Harnessing AI and IoT for Sustainable Crop Management and Precision Agriculture (2024)

WORK EXPERIENCE

SUMMER 2023

CUMRA INTERNSHIP

Gained practical experience in the field of Internet of Things (IoT), Machine Learning, and Connected Devices, leveraged my academic background in computer engineering and gained practical experience and learned from industry experts.

FALL 2023-2024

ROBOTICS COURSE INSTRUCTOR

Taught flowchart programming using The Little Engineer program at Al Makassed Vocational Center, empowering students with practical skills and problem-solving abilities essential for robotics projects and success in the field.

SUMMER 2024

JUNIOR APPLICATION DEVELOPMENT AT ALMAKASSED GENERAL HOSPITAL

I specialize in SAP database management, where I organize, maintain, leveraging SQL to ensure easy access to critical healthcare data, and helping to support smooth and efficient hospital operations.

TABLE TENNIS TRAINER

Been a coach in Table Tennis since 2020.