Oday Shaalan
Undergraduate student

I am a technology, science, and business enthusiast who focuses on constant learning and development in various fields of interest. Passionate electrical and computer engineering student about machine learning, artificial intelligence, data science, and related fields.

oss08@mail.aub.edu

00961 76 627 149

Hasbaya, Lebanon

linkedin.com/in/oday-shaalan-448993190

github.com/OdayShaalan

EDUCATION

BEN in Electrical and Computer Engineering
American University of Beirut

09/2019 - Present   *Expected June 2023*

Pursuing a track in Artificial intelligence and a focus area in Hardware systems.

- GPA: 3.58/4

PERSONAL PROJECTS

Sumobot (10/2019 - 11/2019)
- A Robot that can recognize the arena where it should stay in, detects its opponent robot and attacks it. My team and I were responsible for combining the body of the Lego robot, and code its actions and behavior.

Traffic Light Controller (11/2020 - 12/2020)
- A VHDL(hardware descriptive language) stimulation that controls the traffic lights and changes accordingly.

Ismaani (09/2021 - 12/2021)
- A real-time sign language interpreter that can translate Arabic sign language into the written language to be displayed to the user as a text stream. (Using neural networks and other machine learning algorithms)

WORK EXPERIENCE

Teacher
(private teacher)

06/2019 - 08/2021

Achievements/Tasks

- Taught students(from grade 6 to grade 8) math and physics.
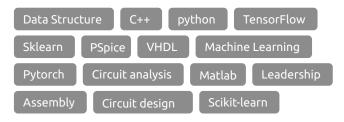- All of the students finished their courses with high grades.

Programming Tutor
(private tutor)

05/2020 - 01/2021

Achievements/Tasks

- Taught students how to code using python.
- Taught students the required math and statistics for coding.
- Helped the students in doing a project of their own to visualize the nice output of coding.

SKILLS

Data Structure · C++ · python · TensorFlow · Sklearn · PSpice · VHDL · Machine Learning · Pytorch · Circuit analysis · Matlab · Leadership · Assembly · Circuit design · Scikit-learn

VOLUNTEERING EXPERIENCE

. Lebanese Civil Defense: firefighter/paramedic (12/2019 - Present)
Participated in many fire suppressions and first-aid missions. Responsible for handling emergency calls during my shift.

. Lebanese Scouts association: Scouts Administrative Leader (08/2010 - Present)
Responsible for doing all the paperwork, including reports, emails, and all the data related to scout members. Responsible for handling the budget of the branch. Responsible for teaching and training about 100 scouts. Played an important role in finding a sponsor to build a building for our branch.

. AGFE club: member at large and treasurer (09/2020 - Present)
Responsible for doing all paper paperwork, and handling the club's budget.

ORGANIZATIONS

IEEE club (09/2020 - Present)
member

CERTIFICATES

. STEM program scholarship (04/2019 - Present)
A 100% tuition scholarship.

. HarvardX - Crossroads: Entrepreneurship in emerging economics (09/2019 - 10/2019)
An online learning initiative by Harvard University through edX.

. Deans Honor List (08/2019 - 12/2019)
A certificate of honor was given by the engineering faculty's dean as a reward for a high GPA in fall 2019/20 semester.

. DataCamp (09/2021 - Present)
Certificates of accomplishment in several courses in artificial intelligence and machine learning.

LANGUAGES

English
Full Professional Proficiency

Arabic
Full Professional Proficiency