

Tarek Swaidane

Software Developer

A Computer Vision enthusiast currently focusing on sharpening my skills in the field. While applying those skills to solve real life problems, moving from theoretical designing, to technical making of the product. On the long term to be a researcher aiming to solve problems in the field.

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EDUCATION

Computer Science Phoenicia University

12/2017 - Present

WORK EXPERIENCE

Lab Assistant – Java Programming Phoenicia University

10/2018 - 02/2019

Tasks/Achievements

- Supported new computer science students in learning how to write Java code and debug their code when it has errors.

Developer and Manager of soelib.com Phoenicia University

10/2019 - 10/2020

Achievements/Tasks

- The website went to function as a library of books for the engineering students.
- It proved to be efficient in handling more than 150 registered students, and more than 120 books, with a total of more than 2500 download.
- The website helped to provide all the books that the students need in various courses, in minimum time.

SKILLS

Machine Learning

Computer Vision

Pattern Recognition

Python (proficient)

Java (proficient)

PHP (proficient)

Git

Flutter (prior experience)

JavaScript (prior experience)

Laravel (proficient)

Arduino (prior experience)

IOT (prior experience)

PERSONAL PROJECTS

Smart Visual imagery System (10/2020 - 02/2021)

- (Research) A one of its kind Machine Learning based assistive technology that helps blind & visually impaired people navigate and perform their day to day tasks. Where the system uses the latest developments on the hardware & software levels.

Task Manager (11/2019 - 01/2020)

- A Tool for for the Ministry of Culture meant to add, assign, track, and manage tasks. Attach announcements, Add events to the calendar, open discussions, inside the Ministry.

Smart Irrigation System (07/2018 - 08/2018)

- Developed a smart irrigation system that uses sensors and microcontrollers, to gather data and analyze it, and use this data to save water and to smartly irrigate the proper portion of the field.

LANGUAGES

Arabic

Native or Bilingual Proficiency

English

Full Professional Proficiency

French

Professional Working Proficiency

KNOWLEDGEABLE

Machine Learning

Computer Vision

Artificial Intelligence

Pattern Recognition