

Mostafa Saeed Hashhash

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EDUCATION **2018-2023** Faculty of Electronic Engineering, Menoufia University, Electrical Engineering
Major : Computer Science & Engineering | **Grade:** Excellent 85.5% | **GPA:** 4
Courses : Digital Design, Data Structures & Algorithms, Linear Algebra, Differential Equations

PROJECTS **Institute Management Website** Adding Users, Lectures, Teachers By Admin | Flask, ORM
Web Painter App. Using Mouse Events, Change Colors & Thickness, Erase All | JavaScript SVG
Task Manager Web App. Add, Save, Delete All Tasks or Individually | JavaScript DOM
Currency Converter Convert Amounts Using The Exchange Rate | JavaScript, Flask, API
Tic-Tac-Toe Web Game Steps Back, Play With AI, Reset Progress, | JavaScript, Flask
Quiz Web Application Score for Correct Answers, New View for Every Question | React DOM
Handwritten Digits Recognition 97.5% Accuracy By Convolutional Neural Networks | TensorFlow
Image Classifier 82% Accuracy Image Processing, Neural Network | Python, NumPy
Mini Linux System x64 Hierarchy, Config, Kernel, Binaries, Libraries, Bootloader, Installation
Cross-Compilation For ARM Processors Building The Cross Tool-Chain For ARM Architecture
Warning System Ultrasonic Sensor to Calculate Distance ,Screen, Alarm, RGB LED | ArduinoC

REWARDS Qualified to Participate at Egypt 2019 Collegiate Programming **National Contest**
Ranked **4th** Menoufia 2019 Collegiate Programming **Local Contest**
Bronze Medal at **Cloud** Track, Huawei ICT 2019 Competition
Ranked **4th** Menoufia 2018 Collegiate Programming **Local Contest**
Ranked **1st** Menoufia '18-'19 Closing Contest | Ranked **2nd** Menoufia'18 Team Formation Contest

SKILLS **Languages** C/C++, Python, JavaScript, MATLAB | **Database Systems** PostgreSQL, MySQL
Libraries TensorFlow, PyTorch, Numpy | **FrameWorks** React, Django, Flask, Jenkins
Dev. Tools HTML, CSS, Sass, Jinja, Ajax, Git

COURSES **CS50 Web Development Intro.** SVC, SPA, Testing, CI/CD, Scalability, Security
Artificial Intelligence For Robotics Localization, Filters, SLAM, Planning, Searchin
Neural Networks & Deep Learning Derivatives, Hyper-Parameters, Network Arch.
Structuring Machine L. Projects Tuning & Common Strategies At Large Models
Machine Learning (Andrew NG) Recommendation, Clustering, Neurons, PCA
Embedded Software & Hardware Constraints for Embedded, Software Life Cycle
Understanding Linux OS Internal Processes, Networking, File System

ACTIVITIES Volunteer at IEEE Computer Society Committee, Problem Solving Team Member
Mentor for +10 Students at ICPC Chapter, Development & Training Team Member
Mid-Year Training Basics of Networks & Soft Skills at ITI

Military Service Status Final Exemption