Mostafa Samy Abdul-Jalil

Teaching Assistant & Scientist

Contact

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📍 Banha – Qalubiya - Egypt

in https://www.linkedin.com/in/mostafa-algendy-688aa1b2/

Professional Experience

Teaching Assistant

Banha university, Egypt | Sep 2016 – Present

- Teaching and helping undergraduate students and answering their questions.
- Managing the classroom environment while keeping friendly relationships with the students.
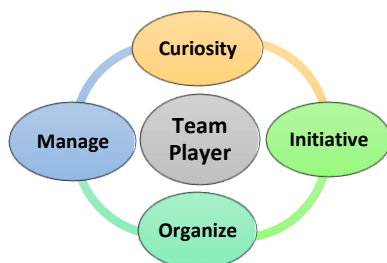
Web Developer

BKS, Singapore Company | June 2019 – August 2021

- creates high converting landing pages, and web pages with a focus on user experience.

Profile

Software engineer with 6+ years of experience designing, developing, and maintaining website. awarded master's degree in Scientific computing from faculty of computer and artificial intelligence banha university.

Personal Skills

Education

Master's Degree in scientific computing

Banha University, Egypt | March 2022

Overall Grade: Excellent

Research Interests: Machine learning, Artificial intelligence
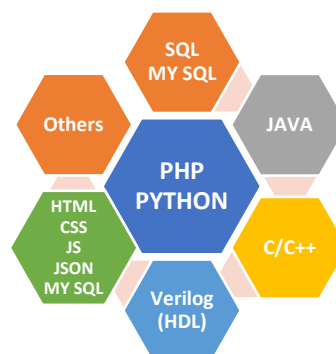
Bachelor's Degree in computer sciences

Banha University, Egypt | June 2016

Overall Grade: Excellent

Studied Subjects: Machine learning, Data Structure, Logic Design, Image Processing, Network, System Analysis, Software Engineering, computer vision, security and object-oriented

Programming

OS Preference

Windows

★★★★★

GNU/Linux

★★★☆☆

Languages

Arab

★★★★★

English

★★★☆☆

Software: Net beans, Microsoft Visual Studio 2022, Arduino, MATLab18, PhpStorm, Modalism, proteus, Anaconda, Quartus.

Cross-Training

Aug 2015 to Mar 2016   **software developer (intern) at senior steps**
(7 months)   Nasr City, Cairo, Egypt.
                                          Industry: Computer Software. Company Size: 1-10 employees

Feb 2015 to Mar 2015   **software developer (intern) at Military factory**
(1 month)   Banha, Egypt.
                                          Industry: Computer Software, Computer/IT Services, Electronics, Components, and
                                   Semiconductor Mfg. Company Size: 101-500 employees

Aug 2017 to Nov 2017   **open-source web developer (intern) at ITI 3-Month Program**
(3 months)   Cairo, Egypt.
                                          Industry: Information Technology Institute is a pioneering national institute with a regional influence and
                                   international linkage

Aug 2019 to Nov 2020   **IBM Academic Certificate Cloud Application Developer Mastery Award**
(3 months)   Cairo, Egypt.
                                          Industry: International Business Machines Corporation

Publications
International Journals

Rough Sets Hybridization with Mayfly Optimization for Dimensionality Reduction
Journal of Computers, Materials & Continua **2022**, *73*(1), 1087 1108.
https://doi.org/10.32604/cmc.2022.028184.

The Effect of Different Dimensionality Reduction Techniques on Machine Learning Overfitting Problem
Journal of Advanced Computer Science and Applications (IJACSA), 12(4), 2021.
http://dx.doi.org/10.14569/IJACSA.2021.0120480

Projects

- **Tele Health Adaptive Technology (T.H.A.T)**: It is web application used to connect the patients with the doctors using video communications.(https://www.simplicity.telehealthat.com/ and https://wellbeing-chat.com/)

  Tools & Technology: HTML, CSS, JavaScript, AJAX, jQuery, Bootstrap, PHP, MySQL.

- **Tele Health Adaptive Technology (T.H.A.T) for admin:** It is web application used to generate reports and charts for owner.
  Tools & Technology: HTML, CSS, JavaScript, AJAX, jQuery, Bootstrap, PHP, MySQL.

- **Digital Library Unit (DLU):** The automated system of the digital library unit that facilitates the process of organizing the data and files of the applicants who request promotion.
  Tools & Technology: HTML, CSS, JavaScript, AJAX, jQuery, Bootstrap, PHP,Mysql.

- **Tourism companies**: **program for booking tickets**
  Tools & Technology: MYSQL, JAVA.

- **Ambulance Drones:** quadcopter by Arduino, controlled by mobile application