Mostafa Samir Abd El-Fattah

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Experience

Participant at Crowd Course Initiative, Stanford University May 2016-Present
Participated at creating the Practical Machine Learning with Python Course

Full-Stack Javascript Developer, Tellowant October 2015-January 2016
Main Activities
- Updating and maintaining an existing Meteor app (Front and backend)

Full-Stack Web Developer, Freelance November 2012-October 2015
Main Activities
- Planning and implementing web applications
- Updating/Maintaining existing web applications

Education

Faculty of Computers and Information, Assiut University
Bachelor Degree — 2011-2015
Ranked 1st of my class and the department of Computer Science.
Graded **"excellent"** with the **degree of honor**.

Additional Professional Development

Completed several CS-related MOOCs, including:

Machine Learning (Stanford University via Coursera)
Introduction to Artificial Intelligence (UC Berkeley via edX)
Deep Learning (Google via Udacity)
Introduction to MongoDB with MEAN Stack (MongoDB University via edX)

Contributed to several open source projects on Github.

Selected Projects

klyng: A message-passing distributed parallel computing framework for node.js
2048-Deep-RL: An implementation of Google's DQN for the game 2048
zip-local: a simple zip/unzip utility for node.js with focus on in-memory operations

Skills Overview

Artificial Intelligence and Machine Learning
Algorithms Analysis and Design
Software Engineering
Web Technologies: MEAN and LAMP/WAMP Stacks, HTML5, CSS, Javascript, AJAX
General Purpose Programming Languages: C++ (with C++11), Python, C#, Java
Numerical and Scientific Computation: NumPy, Scikit-learn, TensorFlow, Metaplotlib