

Mostafa Samir Abd El-Fattah

mostafa-samir.github.io

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Experience

Participant at Scholar Initiative, Stanford University May 2016-July 2016
Participated at creating the Practical Machine Learning with Python Course [↗](#)

Full-Stack Javascript Developer, Tellowant October 2015-January 2016

Full-Stack Web Developer, Freelance November 2012-October 2015, January 2016-Present

Education

Faculty of Computers and Information, Assiut University

Bachelor Degree — 2011-2015

Ranked 1st, Graded: **Distinction with 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)

Bayesian Statistics (University of California, Santa Cruz via Coursera)

Contributed to several open source projects on Github.

Selected Projects

DNC-tensorflow: The 1st TensorFlow implementation of DeepMind's DNC [↗](#)

klyng: A message-passing distributed parallel computing framework for node.js [↗](#)

2048-RL-DRQN: An attempt at the game 2048 with Deep recurrent Q-networks [↗](#)

Publications

- Budema, N., Samir, M., Bhupatiraju S., "Models for Sequence Analysis". *The Fundamentals of Deep Learning*. O'Reilly Media, 2017. 175-274 [↗](#)

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, Matplotlib