TAMER M. FARAG

Riyadh, KSA

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SKILLS

- Data Analysis; Machine Learning; Python; TensorFlow; Keras; PyTorch;

PROJECTS

Identify Customer Segments (2018)

- Applied unsupervised learning to two demographics datasets in order to identify segments and clusters in the population, and see how customers of a company map to them. Python, Scikit-learn

Behavioral Cloning (2018)

- Cloned a driving behavior to produce a steering angle of an autonomous vehicle. Python, Keras

Generate Faces (2017)

- Used GANs to generate new images of faces from existing images of celebrity faces. Python, TensorFlow

Language Translation (2017)

- Trained a sequence to sequence model on a dataset of English and French sentences that can translate new sentences from English to French. Python, TensorFlow

Generate TV Scripts (2017)

- Generated a Simpsons TV scripts with RNNs using part of the Simpsons dataset of scripts from 27 seasons. Python, TensorFlow

Other Significant Projects Include: SMS gateways, Workflow engines, and Internet portals.

PROFESSIONAL EXPERIENCE

Saudi Credit Bureau (SIMAH)   Riyadh, KSA

Solutions Architect   January 2018 - Present

- Planned and executed tasks related to the evaluation of new SharePoint based initiatives (Third-Party Solutions, Integration with additional Enterprise Systems).
- Ensured that integration solutions are in compliance with integration security best practices.
- Identified performance bottlenecks and root causes of existing integration solutions problems, providing recommended improvements, implementing the enhancements and the proposed solutions.

Public Security Directorate   Riyadh, KSA

Solutions Architect   June 2013 – December 2017

- Produced high level and detailed/low level design specifications.
- Designed an integration of SharePoint content management, portals, business connectivity services, web parts and other solutions

SURE International Technology   Cairo, Egypt

Development Lead   November 2011 – May 2013

EgyptNetwork   Mansoura, Egypt

Technical Team Leader   May 2010 – October 2011

StarletSoft   Mansoura, Egypt

Co-Founder, Development Lead   August 2008 – April 2010

CITPoint   Cairo, Egypt

Senior Software Engineer   January 2007 – July 2008

AlAwael   Cairo, Egypt

Software Engineer   March 2004 – December 2006

EDUCATION

Udacity *Data Scientist Nanodegree* - Ongoing

Udacity *Data Analyst Nanodegree* - Ongoing

Udacity *Deep Learning Nanodegree Foundation* - September 2017

Stanford University *Advanced Computer Security Certificate* - December 2014

Mansoura University *Bachelor of Science (B.Sc.) in Computer and Information* - May 2001