AHMED ABDO

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Gender: Male
Nationality: Egyptian
Marital Status: Single
Military Status: Exempted

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Summary of Qualifications

Machine Learning

- Interested in deep learning techniques and building models using python, pytorch and TensorFlow.

Web Development

- Build Dynamic Web Applications using Python, ASP.NET and nodejs.

Use HTML, XHTML, CSS, AJAX and JavaScript Frameworks like jQuery, BackBone.js, angular.js and React.

Salesforce Development

- Writing apex classes, triggers, apex controllers, visual-force pages, batch jobs, scheduled apex.
- Integrating third party systems with Salesforce.com using SOAP (Oracle, SAP).

Software Development

- UML Diagrams and Design Architectures, Data Structure, Object Oriented Programming, Design Patterns, Python, C#, VB.NET, Salesforce Apex.

Database Development

- ER-EER Diagrams, Relational Model, My SQL, MongoDB, MS SQL Server, ORM (Entity Framework), Reporting Tools (Crystal Reports & Stimulsoft Report), SOQL, SOSL.

Professional Experience

Technical Lead– PricewaterhouseCoopers   Oct 2014 - Present

- Leading a team of seven developers to build and customize web applications written in different programing languages.
- Participate in technical requirements gathering sessions, writing technical design documents and building custom developed Salesforce applications.
- Develops software solutions by studying Customer needs; studying systems flow, data usage, and work processes; investigating problem areas; following the software development lifecycle.
- Working closely with colleagues, developers and a variety of end users to ensure technical compatibility and user satisfaction.
- Identifying options for potential solutions and assessing them for both technical and business suitability.
- Interacting daily with Product Owners to understand and evaluate business processes and key requirements, proactively working to resolve issues.

Master Thesis Student in Machine Learning– Cairo University   Apr 2016 - Present

- Exploring and developing new Machine Learning models and techniques.
- Constantly reviewing relevant Machine Learning literature to identify emerging methods or technologies and current best practices.
- Introduces creative approaches to research topics and generates new approaches, perspectives and solutions to research topics.
- Planning and designing research projects: specifying the problem and defining the project scope.
- Connecting with academics and institutions to build relationships and collaborate.

Senior Software Developer - Cloud Concept   Feb 2014 - Sep 2014

- Customizing solutions on Force.com platform for both the private and public sector.
- Technical support for our clients to deliver and deploy new features.

Software Developer - Vireton.com   Mar 2013 - Feb 2014

- Building a spreadsheets-like, formula-based application using backbone.js on top of ruby on rails application.

Software Developer - Drbridge.com   Feb 2012 - Feb 2013

- A customizable e-Prescription for doctors to Treat, diagnose and prescribe medication to patients in a simple, intuitive way using HTML and JavaScript.

Professional Experience

Software Developer - Nhanc.com   **Feb 2011 - Jan 2012**

- Customizing and Migrating an Asp.net Web Application to Windows Azure Cloud Platform using Azure web role with multiple instances and SQL Azure.

- Developing a web based accounting system that help companies to manage financial resources, accounting transactions, record control, inventory and buying and selling operations.

- Developed an ASP.NET AJAX web application that helps doctors to manage their clinics, patients to search for doctors by their specialty and reserve new appointments.

Web Developer - Freelance web developer   **Jan 2010 - Jan 2011**

Certificates

Deep Learning Nanodegree Udacity.com	**2017**
Machine Learning Udemy.com	**2017**
Machine Learning Coursera.com	**2017**
Salesforce Certified Platform Developer I Force.com	**2016**
Salesforce Certified Platform App Builder Force.com	**2016**
Salesforce.com Certified Administrator Force.com	**2015**
Salesforce.com Certified Force.com Developer Force.com	**2014**
Microsoft Certified Solution Developer (MCSD) Microsoft Certification ID : 9658397	**2013**

Training

PluralSight.com   **2012 - Present**

- Force.com and Apex Fundamentals for Developers.
- Force.com Advanced Apex Techniques.
- RESTful Web API Fundamentals.
- Domain Driven Development (DDD).
- AWS Developer Fundamentals.
- Introduction to Google Cloud.
- Migrating Internet Applications to Windows Azure.
- Angular.js fundamentals.

Synergy - Global Knowledge   **2009**

- Web Development using ASP.NET Technology.

Education

Master Thesis Student, Computer Science Department   **2014 - Present**
Cairo University

Postgraduate Diploma, Computer Science   **2009 - 2011**
Cairo University

License, Faculty of Law   **2004 - 2008**
Ain Shams University

Scientific Publications

Orphan Drug Legislation with Data Fusion Rules Using Multiple Fingerprints Measurements   **2014**
Springer International Publishing