Tamer Ibrahim

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Profile

I'm a Microsoft Dynamics CRM and .Net developer. Early-started as a freelancer while studying in university. Then had the chance to have an internship at Daimler AG in Stuttgart, Germany. After graduation, started in a software house as a software developer. After that, moved to Mercedes-Benz Egypt in a very dynamic environment to work as a MS Dynamics CRM and .Net developer. I'm currently holding this position.

Education

- **Faculty of Computers and Information Sciences – Ain Shams University**　　**2006 - 2010**

    o Bachelor's degree in 'Computer and Information Sciences'.

Highlights (Professional work experience)

- Software Engineer at **Mercedes-Benz Egypt** (**Cairo, Egypt**).　　　　**May 2012 – Present**
    o Role: A Dynamics CRM + .Net Developer – Have been working on a sales application built over MS CRM platform which is currently used by the business entities in order to automate the business process. After the successful launch in Egypt, a customized version has been developed for Daimler Middle East & Levant FZE in Dubai and I moved there for 1 month to support the launching of the system, develop urgent features and train key users. In addition to that, I design, develop and maintain some .Net applications for company's internal use.
    o Technologies/ Tools/ Keywords: Dynamics CRM 2011-2013-2015, Customizations, Solutions, IFD, XRM SDK, Scribe Insight, C#.Net, JavaScript, SQL, SSRS, LinQ, Embedded custom ASP.Net pages integration, WCF, SharePoint Foundation Server, SVN.

- On-site web developer at **Ooredoo Telecom** [**Wataniya**] (**Kuwait**)　　**August 2011 – May 2012**
    o Role: Outsourced from quTIP in order to maintain and support the online portal of Ooredoo Telecom in Kuwait.
    o Technologies/ Tools/ Keywords: ASP.NE, HTML, JavaScript, CSS, jQuery, MS SQL.

- Software Engineer at **quTIP** (Cairo, Egypt).　　　　**May 2011 – August 2011**
    o Role: Took part of the development of a sales application used by Pfizer Egypt.
    o Technologies/ Tools/ Keywords: ASP.Net, Telerik controls.

- Software Development intern at **Daimler AG** (**Stuttgart, Germany**).　　**June 2009 – Oct. 2009**
    o Role: Designed and implemented an application that proactively suggests relevant information to engineers depending on their work context.
    o Technologies/ Tools/ Keywords: Java, RCP, SWT, JFace, SOAP, Web Services, Eclipse, IBM Rational Application Developer (RAD), SOAPUI.
    o Certificate: Attached at the end of the resume.

- In 2009, Held a workshop in a team of 3 on "Agile Software Development Methodologies" as a part of a students' academic activity.
    o Role: Introduced some of the Agile principles and built a work environment for participants to practice these principles.

- Have been working as a software development freelancer since June, 2008.
    o Feedback from some customers worked with can be found here:
        http://www.tmrdev.com/dev/　　　　(under section: Testimonials)

Technical Skills

- **General Software Development:**

  - C# .NET, Java SE/ J2EE, C++, PROLOG (PROgramming in LOGic), Intel-based Assembly (8086 Microprocessors), SQL / T-SQL, PL / SQL, XML.

- **General Web Development:**

  - ASP.NET, JSP/ Servlets, PHP, HTML, JavaScript, CSS, jQuery, Adobe Flex (Rich Internet Applications)

- **Database management system (DBMS) Tools:**

  - SQL Server, MySQL, Oracle 10g developer tools, MS Office Access.

- **Development Tools:**

  - MS Visual Studio, Eclipse, Matlab.

- **Computer Science Skills:**

  - Algorithm(s) Analysis & Design, Data Structures, Software engineering/ Agile Software development Methodologies, Testing, Mathematical Programming, Computer Networks and Security, Computer Graphics, Numerical Solutions, Distributed Computing.

- **Programming Skills:**

  - Object-Oriented Programming, Structured Programming, Problem Solving, Design Patterns.

- **Frameworks:**

  - ADO.NET, Windows Communication Foundation (WCF), OpenGL Tao framework.

Samples of Projects (Work Experience)

Presenter's helper [HCI*] (Graduation Project)

Description:
  Designed and implemented a system that can help presenters/ instructors to control their presentations using voice-based commands, hand gestures and pointing to presentation freely without laser pointers using 2 cheap webcams and a wireless headset.
Developed in: 2010 (in team of 5)
Assessment received: (Excellent)
*HCI: Human Computer Interaction.

Simple Compiler

Description:
   Implemented a compiler for a programming language called "tiny C" which accepts expressions, simple "conditional statements" and "looping statements".
Developed in: 2009 (Individually)

Image Processing Package

Description:
  Implemented an image processing package which contains functionalities like (filtering, image morphing and pixel operations)
Developed in: 2009 (in team of 3)

Video conference/ Group chat Application

Description:
  Implemented chatting application which has the common functionalities of today's chatting applications (Sending text messages, Sending files, Video and Audio chatting) and supports multiple clients to communicate.
Technology: Windows Communication Foundation (WCF)
Developed in: 2010 (Individually)

Pattern Recognition application for "MRI*" images

Description:
  Implemented an application to classify parts of MRI images using pattern recognition techniques like (Bayesian, K-nearest neighbor and K-means Algorithms)
Developed in: 2009 (in team of 4)
*MRI: Magnetic Resonance Imaging.

Simple Simulation Package

Description:
  Implemented a simulation package which contains special-purpose simulation programs for (Grocery store, News dealer, Call center and Inventory system)
Developed in: 2009 (Individually)

Computer Security Package (Encryption & Decryption algorithms)

Description:
  Implemented a computer security package which contains a collection of encryption algorithms (i.e. DES, AES, RC-4, RSA, Elliptic Curve Cryptography and hashing using MD5 and SHA-1)
Developed in: 2010 (in team of 3)

OCR using Neural Networks

Description:
  Implemented an Optical Character Recognition (OCR) system that can recognize characters based on training by a neural network.
Developed in: 2010 (in team of 3)

Parallel images' color matching

Description:
  Implemented an application that makes use of "Graphics Card" $GPU_{(s)}$ to match images based on their color similarities.
Developed in: 2010 (in team of 2)
*GPU: Graphics Processing Unit.

Conferences Attended (From newest to oldest)

Conference	Place	Date
Google Developer Day 2010	Dusit Thani hotel, Cairo, Egypt	December 9th
Microsoft's Open Door 2010 for Developers	Fairmont hotel, Heliopolis, Cairo, Egypt	November 2nd – 3rd
Egyptian Engineering Day (EED) 2010	Smart Village, Egypt	2nd – 3rd August, 2010
Microsoft EDC(Egyptian Developers Conference) 2008	Cairo International Conference Center, Cairo, Egypt	April 13th – April 14th

Activities

Activity	Place	Date
COMPASS* 2008, 2009	Faculty of Computers and Information Sciences –Ain shams university, Cairo, Egypt	2008 - 2009

* COMPASS: COMPAny Simulation for Students.

It's a students' academic activity in Faculty of Computers and Information Sciences.

Languages

Arabic	**Mother tongue**
English	**Fluently spoken, written, and read**
German*	**Intermediate**

*Course's certificate is attached at the end of the resume.

Personal

Interests: Playing Tennis, travelling, Hiking and Reading.

Personal Skills:

➢ Love challenges
➢ Work in teams
➢ Work under pressure
➢ Good communication skills
➢ Good presentation skills
➢ Self-learner
➢ Self-motivated
➢ Good researcher
➢ Independent