

# Abdelrahman Shawky Hassan

A Software Engineer who has a huge passion in Microsoft Technologies and Computer Security.

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## EXPERIENCE

### **Futura Solutions GmbH, Wiesbaden DE — Software Developer**

July 2015 - PRESENT (1 Year 11 Months)

Developing a Supplier Relation Management system (SRM) integrated with SAP using Microsoft Technology Stack.

Technologies I Used:

C#.Net , MSSQL, NUNit, NHibernate, ASP.Net, JavaScript, ASP.Net AJAX, Unity, NUnit, JQuery, WebAPI.

### **Express Design Egypt, ElMinia EGY — Software Engineer**

Feb. 2013 - April 2015 (2 Years 3 Months)

Developing Win32, Windows Phone and Windows Store Apps.

Technologies I Used:

C#.Net, MSSQL, SQLITE, ADO.Net, LINQ, XAML.

### **Manara Solutions, ElMinia EGY — Web Developer**

May 2012 - Feb. 2013 (9 Months)

Developing various Web Applications using Microsoft Technology Stack.

Technologies I Used:

C#.Net, MSSQL, ADO.Net, LINQ.

## EDUCATION

### **Al-Mobarkeya Secondary School, Kuwait — High School Degree**

2009 - 2012

### **Faculty Of Computer And Information - Minia University, Egypt — Bachelor Degree (Ungraduated)**

2012 - 2015

## Technologies I Use:

- ASP.Net, JS, MSSQL, HTML, CSS, NUnit, SQLITE, XAML, ADO.NET, C#.NET, LINQ, NHibernate, Entity Framework, BASH SHELL, Rhino Mocks, Unity, Ruby Jekyll, Web API 2, WPF, MSBotFramework.

## Tools I Use:

- Visual Studio, Fiddler, Git, TFS, Burp Suite, Microsoft Azure, Resharper, dotTrace, Windows OS, Ubuntu, Kali Linux.

## AWARDS

- Listed in Microsoft Hall Of Fame In December 2014 (<https://technet.microsoft.com/en-us/security/cc308575.aspx>)

## LANGUAGES

- Arabic (Native)
- English (Fluent)
- German (Limited working proficiency)

## My Open Source Projects/Projects I contributed to:

### Prevensomware — <https://github.com/Seekurity/Prevensomware>

A tool I developed that helps to prevent Ransomwares. The tool was tested against famous Ransomwares like (CryptoLocker and CryptoWall).

### QRJacking — <http://github.com/OWASP/QRJacking>

Contributed to OWASP's QRJacking Social Engineering Attack. QRJacking is a simple-but-nasty attack vector affecting all the applications that relies on "Login with QR code"

### Eye Power — <http://shawkyz.github.io/EyePower>

A LightWeight Application built for Blind People. The App can Analyze any image content with single button click. Built on top of Microsoft Vision API and Face++ Detection API for analyzing Images.

## STUDENT ACTIVITIES

### Microsoft Student Partner Program, Egypt — *Microsoft Student Partner*

October 2013 - June 2014 (9 Months)

In Microsoft Student Partner Program we learn and share what we learned with others. I was responsible for teaching other students about "How To Develop Windows Store Apps and Windows Phone Apps".

### S3Geeks (NPO), Egypt — *Ambassador*

May 2014 - May 2015 (1 Year)

With S3Geeks I was helping to organize different Technical Sessions in my city. In Addition, I launched a campaign with S3Geeks to give an "Introduction To Programming" workshops all over Upper Egypt. More Than 400 Students Attended my workshops.

### Links:

- Personal Blog (In Arabic): <http://shawkyz.info>
- Github Profile: <https://github.com/ShawkyZ>
- Linkedin Profile: <https://linkedin.com/in/shawkyz>
- Youtube Channel: <https://youtube.com/c/Abdelrhman-Shawky>