9 Ismail Kamel st., Kobry el Kobba, Cairo, Egypt

# Education

**Bassel Safwat Chawky** 02 24833375 –01116940831

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| **Egypt, Cairo** | **Ain Shams University** | **November 2013 – Present** |
|  Masters studies in computer science – Premasters mention: Very Good (81.73 %) | | |
| **Egypt, Cairo** | **Ain Shams University** | **October 2009 – July 2013** |
|  Graduated in Computer Science – mention: Very Good (83.96%) and Ranked 5th on the department, July 2013 | | |
| **Egypt, Cairo** | **College De La Salle School** | **October 1996 – June 2009** |
| * The Egyptian higher certificate of secondary education, scientific section, 96.4% * Diploma in French Studies, DELF B2 | | |

# Employment

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| **Teacher Assistant** | **Computer Science, Ain Shams** | **April 2015 – Present** |
| * Teaching Computer Science topics related to Scientific Computing * Monitoring Graduation Projects for last year students * Researching in Machine Learning for Master degree * Improving the Egyptian Educational Process in the faculty. | | |
| **.NET developer** | **EGIDEGYPT** | **December 2014 – January 2015** |
| Online Trading systems for Egyptian brokerage companies, besides other .NET projects (School system (VS2005 including reports generations), Ministry of Investment website) | | |
| **IT developer** | **MAG-Consulting** | **September 2014 – December 2014** |
| Managing the company ERP besides other GPS and communications between systems. I also worked on google map project to visualize the communication towers that are down and how to reach them by bus from a given location. | | |
| **Junior Web Developer** | **Tamkeen-NabdaCare** | **August 2013 – November 2013** |
| Connexa web application and Reporting Tool   * Connexa application made for radiologist centers. It handles the different stages of the patient making rays examination. * The reporting tool is made for the doctors to write reports on for their patients. | | |

# Technical Experience

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| Projects |
| * **Education System (May 2015).** Freelancing work made with ASP.NET with MVC to provide educational English videos and tests to check the user level. * **Machine Learning Package (April 2015).** Machine learning online course on [Coursera](https://www.coursera.org/course/ml) practical package. The course is split into theoretical and practical parts, explaining the theory needed to understand machine learning while providing practical problems to apply the theory. ML-package is implemented by Octave and is validated by online judge. * **‘5amsakol’ Cashier System (January 2014).** Software used for a cashier to print the check including the price, the quantity, the name of each item and the total price to pay. It also prints other reports like quantity remaining, total money earned, and the Income of each item in the restaurant. * **Automated Spoken Test (2013).** Graduation project with grade excellent. It tests the goodness of pronunciation. We have used C#, Matlab, Praat, SPPAS software in this project.  **Image Hiding (2012).** Algorithms Course, ranked 3rd place  **Student Union Database (2012).** Database course. * **3 D Strategy Game (2012).** Graphics course, used C++ and OpenGL  **AI Chess game (2011).** OOP and AI courses, ranked 1st place. * **Local Search Engine (2011).** Data Structure course, ranked 3rd place. * **DxBall game (2010).** Small game for practice purpose. |

# Additional Experience

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| Books |
| * Operating Systems – William Stalling * Software Engineering 8th Ed by Sommerville (selected Chapters) * Head First – OOA&D * OOP in C++ 4th edition |
| Activities |
| * Support Advisor Head, May 2014, leading the advisers’ team to select the president of Support, solving any problems and help achieving our target. * IT-Head in Support, January 2014, leading 3 teams in Game (Unity), Mobile (Android) and Website (ASP and PHP). * IT-Advisor in Support, November 2013 * Certified for Google Student Ambassador, August 2012 * 8th in the local ACM team contest, October 2011 * IT Member in SUPPORT, October 2011 * 5th in the local ACM team contest, September 2010 |
| Certificates |
| * Meca Internship - HP Software Testing Certificate, May 2013  Certified for ISTQB, March 2013 * Certified in “Introduction to Software Engineer course”, July 2012 * Certificated Course M100: « An Introduction to Mathematica », June 2010 |

# Technologies

* C++; C#; Java
* ASP.NET with MVC; PHP; javascript; Jquery; CSS; Bootstrap
* Windows Phone, Android, iOS
* Crystal Reports, Entity-framework, SQL SERVER 2008, SQLite, MySQL, ADO.NET  Jira, tfs, SVN
* Unity, OpenGl, Tao
* OOP, OOA&D, Problem Solving
* Matlab, Octave

# Languages

* Arabic Native Language
* French Very Good
* English Very Good

# Personal Information

* Date of Birth 18/02/1992
* Nationality Egyptian
* Marital Status Single
* Military Status Exempted