

AMR TAREK ABD EL GHANY AWAD

E-MAIL: a.tarek@fci-cu.edu.eg

CAREER OBJECTIVES

Seeking a challenging master position in a reputable university that offers me a consistently positive atmosphere to learn about data science and provide a solid research

EDUCATION

Pre-Master: Faculty of Computers and Information, Cairo University, Sept 12 – May13

Bachelor: Faculty of Computers and Information, Cairo University, Giza, Egypt
Sep'08- Sep'12

- Major: Information System Minor: Computer Science
 - Excellent With Honor Degree, GPA: 3.57 (4) Third on Dept.
-

PROGRAMMING SKILLS

Programming Languages and Development Tools

- C++ , C , Java , C#, Python , Haskell, Prolog
- Android mobile development
- JEE(JSP/Servlets), Web Services
- SQL using MS SQL Server , using MySQL
E.g. of languages (UML, JavaScript, HTML, PHP,...)
- Web Sphere Application Server , Apache Server
- Cognos Business Intelligence and Performance Management
- IBM info Sphere Data Stage
- Data Mining Tool Kits (Rapid Miner, Weka, Mallet, Numpy, Scipy and Scikit-learn)
- Tools (Sybase Power Designer Microsoft Visual C++, Microsoft Visual Studio .NET)
- Xml , JSON , GSON
- Experience with revision control system (SVN , IBM RTC)

Certifications

IBM Academic Certificate exam and earned the title “**Big Data Specialist with IBM Biginsights V2.1**”. This certificate include courses about (Hadoop, Hive, Hbase, Hive, Big SQL, Jaql and Big Sheet).

EXPERIENCES and Competitions

Work Experience

- **Teaching /Research Assistant, Feb 2013 – present, Faculty of Computer & Information, Cairo University**
Research Assistant: The main focus of my research is “Finding experts in community of question answering using deep learning techniques”.
Teaching Assistant: Teach 2 courses per semester for at least 150 students.
 - The courses I teach (Database – Advanced Database – Data Mining – Basic Mathematics – System analysis

- and design – Data Storage and Information Retrieval – Business Process Modeling – Internet Application).
- Participating in preparing assignments and materials.

Internships

IBM Internship, June 2011 to September 2011

- **June 2011 - August 2011** Worked on Cognos BI and at the end of the training we made a project “**Human Resource Business Intelligence System**” and it was the best project in our track. Also trained on JEE and Web Service using IBM Application development tools.
- **August 2011 – Sept. 2011** Worked on Cognos BI and info Sphere Data Stage at the end of the training we made a project “**TDC Human resource Data warehouse Application**”

Graduation Project

- Hyper Market Mobile Application that provide customer functionality using Android Phones, Admin functionality using JEE (JSP/Servlets) and provide the managers functionality throw reports and dashboards using IBM Cognos.

Projects

- JEE Application integrated with **parse.com** “**No SQL**”
- JEE Application (Hotel Chain System)
- Internet Developing Application (News Site)
- JEE Application (Multi Media Library System)
- Hospital Data Base application
- GIS Application
- Application on image with threads
- Crawler Search engine
- Command Line interpreter
- Word processing
- Data Mining Algorithms
- Android Applications (Maps , GPS, SQLite , HTTP)

Competitions

- Google Code Jam 2010
- Google Code Jam 2011
- National ACM competition 2011

Activities

- Assistant at C ++ course for First year students
- Co-founder of vision society
- LVAD data structures assistant(Live Voice Association for Development)
- EOI (Egyptian Olympiad in Informatics)Trainee

PERSONAL DATA

Gender:	Male	Nationality:	Egyptian
Date of Birth:	05-December-1991	Army:	Completed (Jan 13 – Mar 14)
Home Phone:	+2 (02) 2 75 43 164	Mobile:	01002797809

LANGUAGES

Arabic	mother tongue
English	Very good
Italy	Good

INTERESTS & HOBBIES

Swimming, Foot Ball

PERSONAL SKILLS

- Ability to learn new tasks quickly according to the job needs
- Responsible ambitious and determined
- Ability to work individually or as an effective member in a team