

# Mohamed Sweelam

**Mohamed Gamal Sweelam**

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**Address**

15 May City,  
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## CAREER OBJECTIVE

Build a strong and a highly qualified career as **Data Scientist Java-specialized** developer in software programming, development and research, through working in productive and creative team. So that in the future we can create leading & advanced software solutions.

## EDUCATION

*Bachelor of Science, Computer Science,*

Faculty of Computer and Information Systems, Helwan university

2011 - 2015

GPA **Good**

## CERTIFICATES

*Certificate: English Conversation*

**July – December 2011**

*Certificate: Human Computer Interaction research lab*

**June – August 2013**

*Machine learning Accomplishment Stanford University*

**October – December 2013**

*B.CS: Computer Science Helwan University*

**June 2015**

*Certificate: Project Management*

**July – September 2014**

## GRADUATION PROJECT

Building smart cross platform Data Visualization framework for Data analysts, Computer scientists and Statistician, that enables them to interact with huge data in a smart new interactive techniques, you can interact with big data sources, even if your machine resources are not high, using smart technique that we developed to make sure that your cpu or gpu could handle with it rendering in a comfortable mode , and your RAM also load the data in a good manner.

- Languages: JavaScript[ D3 & Angular ] and C++.
- Grade: Excellent with honor degree.
- Contests Awards:

1. 1st Place MIE Contest.

**August 2015.**

2. 1st Place IbteCar Contest.

**@TIEC**

**December 2015.**

## TOOLS/ENVIRONMENTS

**OS : Linux & Windows**

- Eclipse & IntelliJ.
- Tomcat Container.
- Oracle SQL Developer.
- Webstorm

JDeveloper.  
Weblogic App Server.  
MySql Workbench.  
R Studio

Netbeans.  
Glassfish Server.  
Emacs.  
Vnc, Winscp and Putty.

## PROGRAMMING SKILLS

<i>Java SE</i>	<i>Excellent experience</i>
<i>Java EE</i>	<i>Very good experience</i>
<i>C and C++</i>	<i>Very Good experience</i>
<i>SQL &amp; PL/SQL</i>	<i>Very good experience</i>
<i>Javascript [jQuery – Ajax], HTML5 and CSS</i>	<i>Very good experience</i>
<i>R</i>	<i>Good experience</i>
<i>LaTeX</i>	<i>Very good experience</i>

## FRAMEWORKS

<i>Application Development Fusion [ADF]</i>	<i>Very good experience</i>
<i>Spring Boot</i>	<i>Very good experience</i>
<i>Hibernate &amp; JPA</i>	<i>Good Experience</i>
<i>Java Server Faces [JSF]</i>	<i>good experience</i>
<i>Thymeleaf template engine</i>	<i>Very good experience</i>
<i>AngularJS 1 &amp; 2</i>	<i>Good experience</i>

## PROJECTS

<i>Microfinance system for loan providing.</i>	<i>Tanmeyah</i>	<i>Java EE ADF</i>
<i>School bus tracking system.</i>	<i>Java EE Spring Boot and Thymeleaf</i>	
<i>City Management System</i>	<i>Java EE Liferay &amp; Angularjs 2</i>	
<i>Data Visualization cross platform framework.</i>	<i>D3.js , Angularjs &amp; C++</i>	
<i>Full ERP system.</i>	<i>BuduCloud</i>	<i>Php</i>
<i>Meters system for The Egyptian Ministry of Electricity.</i>		<i>Php &amp; C++</i>

## WORK HISTORY

**current Java Functional Consultant** @Egabi Solution Aug-2016  
Egabi is a globally aspired, yet regionally rooted organization incorporated in Egypt, with expertise in multitude of segments and specialization in a number of areas, possessing an extensive portfolio of products and services carried out by highly skilled professionals.

**Software Engineer** @BuduCloud Aug 2015 – Jul-2016  
BuduCloud presents top-notch ERP, HR & CRM Cloud Solutions that are intuitive, seamless and highly flexible, BuduCloud designs business software solutions aiming to help you manage your business easily and effectively.

**Instructor** @ITSharks Jun-2015 – Up to now  
Instructor of multiple courses at IT Sharks company like Java, C/C++, Data Structure, Object Oriented Design and Algorithms.