

# Alaa Hamed AbdElhamed

<https://alaahamed1990.github.io/> <https://tdmatrixsite.github.io> <https://tdmeasure.github.io>

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Software developer at Crossover for Work

## Contact

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## Summary

Talented software developer seeking challenges in new and innovative software positions

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## Experience

### **Web Software developer at Crossover for Work**

November 2015 - Present

### **Web Software Developer at Dar Al Riyadh Consulting Group**

November 2014 - Present

### **Web Software Developer at Alkan Egypt - Esri Northeast Africa (Esri NeA) - and Alkan KSA**

January 2013 - September 2014

### **Web Software developer at Benaal Ajjal**

December 2011 - January 2013

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## Education

**Ain Shams University Faculty of computer science (GPA 3.00 - Grade "Very Good")**

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## Certificates

- Introduction to Mongo DB with Mean stack from Mongo university and link is

<https://courses.edx.org/certificates/83e8e93a177f4bb0a57c74cf4116ffa3>

- Shaping up with Angular JS from code school and link is

<https://www.codeschool.com/users/egydev1990/badges/392>

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## Skills & Expertise

**NodeJs – Mongo DB – Mean stack - JavaScript - Angular JS – JQuery – dojo - HTML5 –**

**Phonegap – PHP – CakePhp – ASP.NET -Silverlight - Visual Studio - Microsoft SQL**

**Server - OOP - .NET Web Services - LINQ- Database Design - ADO.NET**

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## Github Projects

### **TDMATRIX (Html5 -AngularJs – Jasmine – Bootstrap - JQuery)**

JavaScript based open source library that is used to parse text documents using vector space model and also uses disjoint set to group documents based on their similarity.

Link: <https://tdmatrixsite.github.io/>

### **TDMeasure (Html5 - AngularJs - Bootstrap – JQuery)**

Web based application that uses TDMATRIX to detect similarity between two inserted documents

Link: <http://tdmeasure.github.io/>

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## Main Projects

### **License System(AngularJs – C# - Web API)**

This is GIS based governmental application that uses SOE architecture and its own workflow engine in generating different types of licenses including land survey, building permit licenses, adding licenses and other types of licenses.

Webiste link is "http://94.97.13.218/haillictest/"

### **GeoExplorer (Javascript - dojo - MVC Web APIS)**

Allows Saudi ministry of municipality and rular affairs to manipulate their different spatial data sources linked with their other systems along with rich GIS features in one single interface. Website link is "<https://geosystems.momra.gov.sa/explorer>"

### **Makkah Complaints system (Javascript - dojo - Phonegap - Restful cross domain WCF)**

GIS android mobile application that is used for making complaints about governmental building facilities and also managing these complaints (delete and close) and its link on Google play is "<https://play.google.com/store/apps/details?id=com.phonegap.newmekkaComplaints>"

### **GeoExplorer - Mobile (Javascript – phonegap – Web API)**

Mobile based application that is used for making different spatial operations like spatial search, redlining and measuring and also used for searching for online license based transactions. Its link on google play is "<https://play.google.com/store/apps/details?id=io.cordova.myapp382999>"

### **Egypt Ministry of planning Geo portal (Silverlight, MVVM)**

GIS portal project that supports different GIS operations like editing, tabular search and other operations

### **City of hope (C#, XNA) [ Qualified to round two in imagine cup 2012 ]**

2D windows phone third person game in which the player has to do assigned tasks

For other projects please visit this link (<https://alaahamed1990.github.io/#certificates>)

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## Extra Activities

- Participated in JavaScript week two contest on hacker rank and got first rank
- Solved Algorithms problems on hacker rank and got badges

- Participated in imagine cup 2011 (As a student) and 2012 (As a mentor) and qualified to round two in 2012
  - Participated in Google Code Jam 2011 and qualified to round one from qualification round
  - Got the second best search engine in the faculty contest.
  - Solved some bugs in programming frameworks like export arabic report to pdf in DevExpress framework through exporting text as image using GDI
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## References

- Khaled Elbahnasy / Professor AinShams University / khaled.bahnasy@yahoo.com
- Sherif Ramadan / Project Manager at Dar - Al Riyadh /ramadan.sherif@gmail.com