

PERSONAL INFORMATION

Name **ABDELFATTAH, ALAA BAKRY**
Address **HEISSTRASSE 59, MÜNSTER, GERMANY**
Telephone **+49 178 81 59 543**
Website **alaabakry.com**
Email **ALAA.CS@HOTMAIL.COM**
Nationality **EGYPT**
Date of birth **JUNE 2ND, 1987**



WORK EXPERIENCE

May 2019 – Present
con terra GmbH, Münster, Germany,
www.conterra.de
GeoIT Integrator
Software Engineer

Jan 2013 – Aug 2017
Khatib & Alami, Beirut, Lebanon,
www.khatibalami.com
Engineering Consultancy
Software Team Lead

Jan 2010 – Dec 2012
ESRI Northeast Africa,
www.esrinea.com
Geospatial Solutions
Senior Software Developer

Jan 2009 – Nov 2009
Ministry of Investment,
http://www.miic.gov.eg
Government
Software Developer

EDUCATION AND TRAINING

2017 – 2019 (In Progress)
Universitat Jaume I, Spain

SOFTWARE ENGINEER

Part of the Networks and Infrastructure team at con terra. Developing different kind of web and GIS applications for our clients from telecommunication area of business. Working in an agile environment with latest technologies and adopting CI/CD through state-of-the-art cloud solutions.

SENIOR SOFTWARE DEVELOPER / SOFTWARE TEAM LEAD

Designing and developing software products/services, leading development teams, onsite/remote deployment, fixing deployment bugs, troubleshooting performance issues, and conducting user trainings and UATs.

Technologies and tools used:

- ArcGIS Desktop, ArcGIS Server, Portal for ArcGIS, Web AppBuilder for ArcGIS, ArcPy, ArcGIS API for Javascript, and ArcGIS API for Flex
- Oracle, PLSQL, and Microsoft SQL
- C#, Python, ActionScript, Javascript, HTML, and CSS
- ASP.NET Web API, Bootstrap, jQuery, AngularJs, Dojo, Highcharts.js.

Projects:

- Review and Development of Kuwait Municipality's GIS
- Aldar Properties(Abu Dhabi)
- ADTCA(Abu Dhabi Tourism And Culture Authority)
- ADSIC Geospatial Executive Dashboard- Abu Dhabi
- Project Tracking for MEW(Ministry of Electricity and Water)-Kuwait
- CMMI induction and training-Lebanon

SENIOR SOFTWARE DEVELOPER

Developing various system modules in GIS web applications using mainly .Net technologies, like ASP.Net, Silverlight, C#, and VB.Net, also used Adobe Flex, Action Script, and .Net with WebOrb® as a middle tier remoting technology, My experience's ranging from UI presentation facade development, Implementing .Net business and database layers libraries, to fixing critical performance and deployment.

Projects:

- Electronic City Planning(ECP) for Jeddah Municipality
- Qatar NJM system
- Cleaning management system for HASA municipality in KSA (Kingdom of Saudi Arabia)
- ADSDI Mapviewer

SOFTWARE DEVELOPER

Developing websites and portals for internal use in the ministry and other websites and utilities for the benefit of the minister (Using mainly ASP.Net, MS SQL Server 2000, 2005, and Crystal reports)

MSc OF GEOSPATIAL TECHNOLOGIES.

Erasmus Mundus Master of Science of Geospatial Technologies

University of Münster, Germany
 Universidade Nova de Lisboa,
 Portugal

<http://mastergeotech.info/>
 Awarded Erasmus+ Category A Scholarship

Organization of **GeoMundus** (geomundus.org/2018/) conference is one formal requirement of doing this master program. I was the leader of the web team, conference moderator, and I led a workshop during the conference about open source geospatial technologies.

2004 - 2008

Faculty of Computer and Information
 Sciences, Ain Shams University
 Computer Science Studies

B.Sc OF COMPUTER SCIENCE (MAJORED IN COMPUTER SYSTEMS, GRADE: GOOD).

Graduation project: "Voice Morphing tool", Grade: Excellent

**PERSONAL SKILLS AND
 COMPETENCIES**

MOTHER TONGUE

OTHER LANGUAGES

READING SKILLS
 WRITING SKILLS
 VERBAL SKILLS

Arabic	English	Spanish	German
	Excellent	B2	A2
	Excellent	B2	A2
	Excellent	B2	A2

SOCIAL SKILLS
 AND COMPETENCES

Worked and lived in: Germany, Spain, Kuwait, Egypt, United Arab Emirates, Lebanon, Qatar, and Saudi Arabia.
 I am familiar with many types of cultures and societies, cognizant of various belief systems, and excellent at maintaining sincere and lasting relationships professionally and personally.

TECHNICAL SKILLS
 AND COMPETENCIES

- ▶ **Web Technologies / Libraries**
 - HTML5, JavaScript, and CSS
 - AngularJS, Bootstrap, Dojo, D3, Hightcharts, and Google Charts.
 - NodeJS and ExpressJS
 - ASP.NET, WebAPI and ASP.Net MVC
 - Docker
 - Microsoft Silverlight
 - Adobe Flex 3.5, Action Script 3.
 - Python flask server
- ▶ **Geospatial Technologies**
 - ArcGIS Server
 - QGIS, ArcGIS Desktop, PCI Geomatica
 - Web GIS (Portal for ArcGIS, ArcGIS Online, ArcGIS Web App Builder
 - Leaflet, ArcGIS API for JS, and Google Maps API
 - R, sf, ggplot, spatial analysis with R
 - ArcPy, PyQGIS, OGR, and GDAL
 - PostGIS
 - Geomatica, Geomatica Python API
- ▶ **VM Environments**
 - VMWare
 - Docker
- ▶ **Operating Systems**
 - Linux (Ubuntu)
 - Windows
- ▶ **Software Engineering and Miscellaneous Tools**
 - UML
 - Rational Rose
 - Visio
 - Enterprise Architect
 - Draw.io
 - Google Docs / sheets / slides /
 - Visual Studio, Atom, Notepad++ and Sublime
 - Git, Github
 - Source Safe, Microsoft TFS
- ▶ **Databases**
 - Oracle
 - Microsoft SQL Server
 - Postgres
 - MongoDB
- ▶ **Programming Languages**
 - C#
 - VB.NET
 - R
 - Javascript
 - Python

CERTIFICATIONS

- **Microsoft Certified Solutions Developer - MCSD(Web Applications)**
<https://mcp.microsoft.com/Anonymous/Transcript/Validate> - Transcript ID (1139140) Access Code (11223344)
- **Esri Web Application Developer Associate 10.2**
<https://www.certmetrics.com/esri/public/transcript.aspx?transcript=9T02QG22N1E5W4B>

