PERSONAL INFORMATION

Name	**ABDELFATTAH, ALAA BAKRY**
Address	Heissstraße 59, Münster, Germany
Telephone	**+49 178 81 59 543**
Website	**alaabakry.com**
Email	**ALAA.CS@HOTMAI.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

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.

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

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

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

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

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

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)

EDUCATION AND TRAINING

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

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	**B.Sc OF COMPUTER SCIENCE (MAJORED IN COMPUTER SYSTEMS, GRADE: GOOD).**
Faculty of Computer and Information Sciences, Ain Shams University Computer Science Studies	Graduation project: "Voice Morphing tool", Grade: Excellent

PERSONAL SKILLS AND COMPETENCIES

MOTHER TONGUE

Arabic

OTHER LANGUAGES

	English	Spanish	German
READING SKILLS	Excellent	B2	A2
WRITING SKILLS	Excellent	B2	A2
VERBAL SKILLS	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=9T02QGW22 N1E5W4B