

SLEIMAN KOUEIK

slaiman_koeik@hotmail.com

*Masters of research in Computer Science and IDSS
(Information & Decision Support Systems)*



Personal Information

Last name/First name	KOUEIK, Sleiman
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Marital Status	Single
Nationality	Lebanese
Date and Place of birth	26 November 1988, Beirut - Lebanon

Profile

As a Senior Lead Software Engineer, my curiosity and commercial experience gave me various skills in different programming languages and platforms, besides it taught me as a Team Leader to distribute and manage developers according to work assets and give what it needs in terms of efforts to achieve the business goal. Moreover, I am ambitious, dynamic, quick learner and hardworking. Working Hard in Big Commercial projects is very important for me to continue my practical & scientific journey, reach higher levels, to fulfil my curiosity within computer science and expand my project based mentality.

Areas of Expertise

- SEO (Search Engine Optimization)
- CMS (Content Management System)
- Algorithms & Data Structure
- Artificial Intelligence
- Machine Learning
- Business Process Management
- Big Data
- Stream Processing
- Natural Language Processing (NLP)
- Data Management
- No-SQL Database
- Data Integration
- Mobile Computing

Education & Diplomas

Resume – Sleiman Koueik, MS (CS)

Masters 2 research in Computer Science 2015 - 2016

Lebanese University; LIRIS research Lab Claude Bernard University (Lyon 1)

Thesis Streaming Activity Logs of complex end-to-end logistics process and IOT data into scalable cluster.
<http://cognitus.fr/research-showcase/>
<http://cognitus.fr/research-showcase//InSFram>

Master 1 in Computer and Communication Engineering (CCE) 2008 – 2014

Faculty of Engineering, IUL University

Work Experience

Senior Lead .Net Engineer Oct 2018 – Present
DataFlow, Beirut

Design & Implement and manage a Websites using MVC & Asp.net Technology.

Tech: C#, JavaScript, Ajax, Telerik, MVC, Entity Framework, SQL, ADO.net, ASP.net, HTML5, JQuery.

Technical Leader (NLP Engineer) Jan 2016 – Present
USEK University, Beirut

Design & Implement a machine translation software using NLP tools (Stanford NLP Tool).

-design & implement model for machine translation (rule-based translation).

-use Stanford NLP tool for text processing & translation.

-modify & optimize Stanford NLP POS to get better result.

Tech: Java, Stanford NLP tool, XML.

Senior Team Lead Software Engineer, Project Coordinator Feb 2018 – Aug 2018
Everteam – Technical Lead for Algeria Team
EverTeam – Project Coordinator France Team

Design & Develop business & Product features for Algerian Projects "Sorfert" & "GRN" using J2EE Technology.

-Developing DMS product a Document Management System using J2EE platform.

-Developing business & product features on DMS product.

-Development + integration of Saml 2 authentication method using OpenSAML V3 tool.

Tech: J2EE, JSE, SQL, JavaScript, Ajax, JQuery, HTML, CSS, FreeMarker, OpenSaml V3, PostgreSQL, Windows Server 2012, TDD, Apache Tomcat, Eclipse, CVS.

BPM Java Developer (Remote work)

September 2017- Feb. 2018

RSTN Consulting

1-Design & implement Business process management systems for Insurance Companies.

2-Design & Implement Web Services in terms of Restful & SOAP.

3-Design & Implement Event Response System using BizFlow ERA (Event Response Adapter) that uses java technologies (JSP, DOM Library) to consume XML & XSD data, process, store and output the result for BizFlow Server and other Systems.

Tech: J2EE, JSE, SQL, JavaScript, Ajax, JQuery, HTML, CSS, JSP, BPMN (BizFlow Server, BizFlow ERA), RestFul Webservice, SOAP

UI, XML, XSD, Windows Server 2012, TDD, Apache Tomcat, Eclipse, SVN.

Big Data Engineer

Feb 2017 – May 2018

Ambient Research Lab (AMI),Arab Open University

<http://www.aou.edu.lb/ami-lab/>

User Authentication using extracted user mobile signature based on big data infrastructure using some mixed methodologies (artificial intelligence models & FFT Model).

-choose features in mobile phone that will be gathered, example (num of calls made, location of calls, duration of calls, num of messages, etc.....)

-develop mobile application that gathers data related to the features listed above, this app is service so that it must not noticed by user and work on all time.

-create Restful webservice that collects data from mobile data and save them in the database server.

-create SQL database that will store data for processing and analysis.

-design & implement the mathematical model (Fast Fourier transform + neural network).

-integrate the model with the server Engine.

Tech: android, Java, J2EE, Restful webservice, VB for excel, Hadoop (MapReduce, HDFS), SQL, MatLab.

Big Data Engineer

Feb 2016 – Nov 2016

LIRIS Lab (France, Claude Bernard Univ) ; Cognitus Company (France)

Streaming Activity Logs of complex end-to-end logistics process and IOT data into scalable cluster

1-Design & Implement Logistics Business process to generate log files.

2-Design & implement Data acquisition system using Apache Kafka & Apache Flume to collect streams from process logs and IOT data coming from Lyon WebServices.

3-Store & integrate process logs and IOT data in a multiple storage (Apache Hadoop HDFS, Apache Hbase, MongoDB).

4-Design & Implement Algorithms and methods based on Distributed Framework for real-time stream processing (Apache Storm), where data is cleaned, filtered, processed and analyzed.

Tech: Java, apache tomcat, apache Zookeeper, apache flume, apache kafka, apache Hadoop, apache hbase, MongoDB, apache storm, google map Api, XML, JSON.

Software Engineer

Oct. 2013 - Nov. 2015

Test and Special Design (TSD) company

-Data Visualization System: A C# Desktop App that collects data from sensors (IMU, accelerometer), then using Kalman and Euler algorithms for Data Filtering and Enrichment, finally displaying data on visualization interface using OpenGL technology.

-Archive System for local company build in C#.

-Aquarium Alarm System based on digital sensors: A System build in C# for collecting data from large number of sensors plugged to aquariums with alarm system fired on real-time analysis of sensors data.

Tech: C#, OpenGL, Visual Studio, SQL.

Key attributes

- Quick Learner and poses the ability to work under pressure
- Possess good management and organizational skills
- Sound knowledge of recognizing and analyzing problems

Technical Skills

Languages

Java, C/C++, Matlab, VB.net, Vba (excel), Android, C#, UML.

Web related

Asp.net, MVC, ADO.Net, XML, XSD, JSON, HTML5, JSP, CSS3, JavaScript, Ajax, JQuery, Bootstrap, Entity Framework, DMS, CMS.

Web Servers

Apache Tomcat, IIS.

Web Services

Restful & SOAP.

Natural Language Processing (NLP)

Stanford NLP Tool.

Authentication tools

OpenSaml V3.

Web Ontology Languages

RDF, RDFS, OWL.

Semantic Web Technology

SPARQL.

Big Data Frameworks

Apache Hadoop, Apache Storm.

Big Data Platforms	Apache Kafka, Apache Flume.
Business Process Management tools	Activiti, BizFlow
DBMS	SQL, Oracle, MySQL.
NoSQL	MongoDB, Apache Hbase.
Operating System	Linux (Ubuntu), Windows OS, Windows server 2012.
IDE	Eclipse, Netbeans, Android Studio, Visual Studio.
Others	Tortoise SVN, Microsoft Teams, Open VPN GUI, Skype for business

Languages

English	Good verbal and written communication skills.
Arabic	Native Language.

Interest and Hobbies

Exploring the latest technology trends.
 Reading Novels and books.
 Internet freedom and online privacy.
 Swimming.

References

mohand-said.hacid@univ-lyon1.fr	<i>Mohanad HACID, Professor at LIRIS Lab, university of Claude Bernard Lyon 1, 69622 Villeurbanne cedex, France.</i>
Yehia.taher@uvsq.fr	<i>Yehia TAHER, Associate Professor at the University of Versailles Saint-Quentin-en-Yvelines, France.</i>
mdbouk@ul.edu.lb	<i>Mohammad Dbouk, Professor at the Lebanese University, Lebanon (Coordinator of Master Information and Decision Support Systems IDSS).</i>
rafiq.ced@gmail.com	<i>CTO & Co-Founder of Cognitus Company (75011 Paris, France).</i>