Mohamad Nour Al Laham
Mobile: +961-76890262
Email: lahammobile@gmail.com

Career Objective

Seeking a job in a reputed company, that appreciates beautiful quality code and scalable solutions.

Professional Experience

CRM Developer – (Netiks - June 2018 - Present)

Netiks – A leader in banking solutions innovation. Netiks provides tailored CRM and eBanking solutions for banks in the MENA region.

Supporting role in:

- Designing, implementing, testing and supporting new CRM solutions.
- Designing complex and scalable SQL queries for big data reports.
- Maintaining and improving proprietary solutions.
- Revising proposed solutions.
- Offering support on Production environments.

Senior Software Developer - (Softrasys - December 2015 – June 2018)

Softrasys – A pioneer multinational privately owned Software Company with bases in France and Lebanon. SOFTRASYS™ is dedicated to providing unique Fleet & Security Management Solutions.

Lead role in:

- Database administrator: development of new solutions, troubleshooting, and optimizing queries.
- Live vehicle's map tracking solution, using WebSocket.
- Restful WebAPIs.
- Android Application development for vehicle tracking via GPS and remote controlling in addition to WebAPIs (development, testing and debugging).
- Web Application solution for fleet data mining and reports generation (in Crystal): transforming GPS tracking data into business intelligence and decision making reports.
- Admin Dashboard Web Application development for fleet management and vehicles tracking (MVC Web Application).

PhD research assistant - (Freelance - September 2015 – December 2015)

Role as an assistant:
- Making a literature review on the subject of the PhD: "Crowd density monitoring using ZigBee".
- Building a crowd density simulator software from scratch in C#.

Education

Lebanese International University, MSC in Computer and Communications Engineering

– (September 2013 to June 2015)

Achieved a GPA of 3.82 over 4, without withdrawing, failing or repeating any course
Ranked 1st over 35 students

Master's project
- o Dissertation – The master thesis was about creating a method that allows efficient searching and accessing of video and audio files based on their verbal content, and to automatically detect their subjects and to categorize them.
- o Part of the master thesis was published as an IEEE paper (Audio Indexing for YouTube, International Conference on Digital Information and Communication Technology and its Applications (DICTAP2015)).
- o The master thesis included a demonstration that required designing and building a system that have a web interface to receive audio and video files to process them.

Elective
- o Engineering Economy

Lebanese International University, BS in Telecommunications Engineering

– (September 2010 to June 2013)

Achieved a GPA of 3.12 over 4, without withdrawing, failing or repeating any course

Senior's project
- o Dissertation - The senior project was an Android App that deliver a call management system close to that of a human secretary.
- o The senior project was qualified for the second National Mobile Programming Competition (NMPC II) and it ranked fourth.

Lebanese International University, BS in Computer Science – (September 2010 to June 2013)

Achieved a GPA of 3.65 over 4, without withdrawing, failing or repeating any course

Electives followed from different BSs
- o BS in IT: 2 CCNA courses, 1 Network Administration course
- o BS in Accounting: 2 introductory courses
- o BS in Journalism: 1 introductory course to media

Jamil Rawass High school, High school diploma (General Science) – (2010)
Achieved a Good Standing mark.
Participated in a nationwide literature competition and won the 3rd place.

Computer and language skills

Languages
- o English: Fluent
- o French: Fluent
- o Arabic: Mother tongue
- o Japanese: Elementary level

Computer Skills
- o Programming (Java, C#)
- o Web programming (MVC ASP.NET, Restful WebAPI, JavaScript (OOP, Web Worker, Web Socket), HTML5 Canvas, jQuery)
- o Database (MSSQL, Database design and analysis (especially query complexity analysis for BigData)
- o Android Development
- o Desktop Applications (Win Forms, WPF)

Publications

Audio Indexing for YouTube – (May 2015)

Al Laham, Mohamad Nour, Imad Ayass, Majd Ghareeb, Zouhair El-Bazzal, and Mohamad Raad. "Audio indexing for YouTube." IEEE. Digital Information and Communication Technology and its Applications (DICTAP), 2015 Fifth International Conference on, pp. 111-114. 2015.