Samir GUENDOUL

Software Engineer

Married, 27 years old
Driving licence

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SUMMARY

A results-driven, customer-focused, articulate and analytical Software Engineer who can think "out of the box". Strong in design, integration and problem solving skills. Expert in C#,Java, .NET, SQL with database analysis and design. Skilled in developing architectural systems research, requirements specifications and user documentation. Interested in a challenging technical track career in an application development environment.

PROFESSIONAL EXPERIENCES

2013 April-August

Internship - Software engineer at the Banque Carnegie Luxembourg S.A.

- Development of an advanced search tool for MongoDB providing end-user wizard to build dynamic queries. The system allow to save, share,edit and execute the queries. Most advanced feature includes optional and mandatory parameters of any data type prompted at run-time.

- Development of a web application build upon saved queries from the advanced search tool. In addition to the dynamic execution, end user can perform faceted search, built their own customized menu, access items publicly shared by other user, share and export search result. Finally a more simple search feature allow to dig deep inside the high volume of data.

Technologies: C#, MongoDB, PHP5,JQuery, HTML5, CSS3

October - December 2013

Freelance - Analysis and Software Engineer at the Milk Collection Centre of Danone Djurdjura, Fréha.

- Analysis of business needs and development of a tool to manage cows farmers (milk producers), milk transporters, different products (milk, food of cows and the Aegean products) and staff of the company.

- The developed application allows to perform statistics on the activities of farmers to improve their production. It also allows to generate the different factors involved in the business.

Technologies: C#, MySQL.

2011 February-July

Internship - R&D engineer at the Laboratory of Systems Modelling and Dependability (LM2S), UTT

- The internship consisted in study the behaviors by avatar to develop a fully autonomous Intelligent character, in order to give more realism to the platform of simulation Scenia.

- The new entities have been developed by combining the technique of Genetic Algorithms and Finite State Automata in order to make them independent and adaptable to any environment.

Technologies: Delphi (Pascal object), MySQL

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2010 February-July	**Internship - Research and development engineer at the research Laboratory in Computer Science (LARI), UMMTO**.

- The internship consisted in study the extraction technical information on the Web and develop a Web Crawler using several strategies of exploration on the web, in order to adopt a more effective strategy to feed the database search engines.

- The Web crawler has been developed using strategies: Depth First Search, Breadth First Search, exploration Delay and Random exploration.

Technologies: Java (Swing), PostgreSQL

EDUCATION TRAINING

2012-2013	University of Lorraine, French. Master's degree in IT speciality Human-Computer Interaction.
2011-2012	University of Lorraine, French. Equivalent to **MSc.** In IT.
2010-2011	University of Technology of Troyes, French. MSC in Information Technology for Knowledge Management and Networks (TICOR),
2005-2010	University of Tizi-Ouzu, Algeria (UMMTO). Engineering degree in IT, option Advanced information systems.
2004-2005	High School of Fréha, Algeria. Bachelor in science of nature and life.

SKILLS AND SOFTWARE

Programming languages	Web technologies	Methods of modeling	Development tools	Database and Web tools	Library
Java, C#, C++, Pascal Object, C, Python, SQL, Android	PHP5,JQuery, JS, Ajax, J2EE, HTML, XML, CSS3, JSON.	UML, MERISE, Design pattern, DAO, Hibernate.	Eclipse, Visual studio, Aptana,Delphi XE, QTCreator, Blender, Redmine	MongoDB, MySQL, PostgreSQL, WampServer, Apache Tomcat	GWT, Qt, wxWidgets, OpenGL, XNA

Language
- Fluent in English, TOEIC score: 670/990 as March 2011
- Fluent in French

Interests

Hobbies include acoustic guitar, travels and Vô-vietnam (1st Dan).

Reference

Nestor Verrier, Head of IT Development - Banque Carnegie Luxembourg S.A.