

# Samir HAMICHI

September, 21<sup>th</sup> 1978, Algeria

## Contact

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## Qualifications & Education

**Phd in Computer Science** (2006-2009), @Paris 6 - Pierre and Marie Curie University, France,

**Master in STIC** (2005-2006), @Reims University, France, B+, 3<sup>rd</sup>/15

**Engineer in computer science**, option: parallel and distributed systems (1998-2003), @Tizi-Ouzou University, Algeria, B+, 25<sup>th</sup>/189.

**Baccalauréat Série Science** (1994-1997), Nacer Eddine M'cheddali Secondary School @M'Chedallah, Algeria, B-.

Multi-Agent Systems ; Software development ;

Complex systems : Supply Chain Management ; ATM Banking Systems ;

Distributed Systems and n-tier applications ;

## Profile Summary

- Experienced Technical Consultant with strong communication, analytical and technical skills
- Experience in full project life development cycle for systems development and service delivery with a comprehensive experience of software development processes.
- Recognised as a highly motivated, flexible and results-oriented professional with excellent communications skills.
- Capable of working alone as well as part of a team with the ability to gain the confidence and trust of colleagues and clients.

## Research activities

- **October 2006 to July 2009:** Research Phd project Paris 6 University, France & ISI Foundation, Turin Italy.

**Position:** Phd in computer science

**Project Description:** Modeling supply chains and production systems using Multi-Agent techniques (Artificial Intelligence). I investigate different issues related to firms and organizations. I developed an application for supply chains simulations using Java platform designed to implement Multi-Agent Systems.

### International Conferences with acts

- S. Hamichi, D. Mangalagiu, D. Brée, and Z. Guessoum. A Multi-Agent System of Adaptive Production Networks, to appears in the proceedings of 8th Int. Conf. on Autonomous Agents and Multiagent Systems (AAMAS 2009), Decker, Sichman, Sierra and Castelfranchi (eds.), May, 10–15, 2009, Budapest, Hungary.
- S. Hamichi, D. Mangalagiu, D. Brée, S. Solomon, and Z. Guessoum. Production network with strategic firms' behavior. International Conference on Economic Science with Heterogeneous Interacting Agents Proceedings, June 19-21 2008, Warsaw, Poland.

### International Conferences without acts

- S. Hamichi. A Multi-Agent System of Adaptive Production Networks. The Eastern Economic Association Annual Conference, February 27<sup>th</sup> to March 1<sup>st</sup> 2009, New York City, USA.
- S. Hamichi, D. Mangalagiu, and Z. Guessoum. Using MAS to study the propagation of failures in dynamical supply-chains. AKSOE Conference, February 25-29, 2008, Berlin Germany.

### Seminars

- Un Système Multi-Agent pour les Réseaux de Firmes Adaptatives. DESIR – Séminaire du groupe Système Multi-Agent, LIP6, Paris. Novembre 2008.
- Self-organization in dynamic supply chains. Communication: Multi-Agent Seminar, ISI Foundation, Turin, April 2008.
- Price mechanisms in dynamic production chains. Communication: Intra-division seminar, ISI Foundation, Turin, December 2007.
- Markup pricing and market clearing mechanisms in production network. Communication: Annual meeting of the CO3 project, ENS de Paris, janvier 2008.

- **January 2005 to June 2005** : Research Project Reims University, France

**Position:** Master Research Student

**Project Description:** Master degree on the different risks associated in managing a supply chain. I investigated the different approaches currently available in the market to address the risks in a supply chain and proposed to develop a solution that consists of a system organized as an artificial society with multi-agents in my bibliography research. During this period, I developed an ontology in the Supply Chain Management domain and validate it with expert of SCM domain.

## Professional activities

- **January 2004 to September 2005:** Algerian Post Office, Algiers, Algeria

**Position:** Oracle 9i Database Administrator and Developer

**Project Description:** The project consists of developing the back office solution based on the Oracle 9i technologies for the for the ATM banking of the Algerian Post Office. The front office solution was provided by the M2M and Itras Groups. My main responsibilities include:

- Designing of and modeling the back office solution.
- Developing and implementing the full database solution
- Designing and developing the Oracle forms and reports.
- Managing and administering the database solution

- **June 2003 to January 2004:** TFI, Algiers, Algeria

**Position:** Computer Engineer and Analyst

**Project Description:** The company core business was building and selling computer equipment to businesses. My main responsibilities include:

- Maintaining and running of several computer packages used to run the company's accounts, stocks and human resources.
- Building and mounting computer components and equipment.
- Developing and maintaining a database for managing stocks

- **September 2002 to June 2003:** SONATRACH, Hasi R'mel, Algeria

**Position:** Oracle Developer

**Project Description:** SONATRACH is one of the biggest Oil companies in the world. I was employed as an Oracle database and software developer. I was involved in the full development cycle of a 3 tier management system to manage the libraries resources of SONATRACH across the whole company's sites. My main responsibilities include:

- Gathering and analyzing the business requirement.
- Modeling, designing and implementing the database schema.
- Developing the application modules based on a three tier architecture
- Writing and implementing the validation tests
- Deploying the application across the company

## Others

### Skill Sets

#### Database Development

- SQL Language & PL/SQL, Oracle, MySQL, Microsoft SQL Server: Microsoft Access Database.

**Programming**

- Java, C /C++, Matlab, R(statistics), PHP/HTML & JavaScript.

**System Design and Modelling**

- UML & Merise Methodology

**Development Tools**

- Oracle Designer
- PowerAMC Designer - Sybase
- TOAD 6.5, Protégé 3.1.1, eclipse,
- Apache - Drupal
- Latex, OpenOffice, Microsoft Office

**Languages**

- Fluent: French, English, Italian, Arabic and Berber

**Activities and interests**

- Activities include sports, socialising with friends and family.
- Interests include music and traveling

**Seasonal activities**

- July – August 2002 : Organizer of vacation camps, Algiers.
  - July – August 2001 : Sales activities in shop of clothing, Algeria.
- June – August 2000 : Agent of reception to the inn of young person of Tikjda, Algeria.

**Associative activities**

- Member of the office of the association Multi-media, @UMMTO, Algeria - 2000-2002.
- Member of Student Branch IEEE @URCA University - 2006.
- Member of the IEEE/SBC-Gold congress organizing committee, 01-02-03/September 2006 - Paris.  
<http://ieee-r8sac.org/sbc2006/>