

Curriculum Vitae

Personal Information



First Name: Siavosh

Last Name: Kaviani

Gender: Male

Birthday: 1961

Country of Citizenship: IRAN

Marital Status: Married

Children: two (sons)

Native Language: Persian (advance)

Second language: English (advance)

Third language: French (B1)

Resident in **Paris**

Education

PHD of Computer Engineering, major in Software Engineering, QL-1991
UNIVERSITY

Master degree of Computer Engineering, major in Software Engineering, QL-UNIVERSITY 1988

Bachelor degree, Computer Engineering, major in Hardware Engineering, **Behshti** University, Tehran 1986

Research

- Software application Security (IM)
- Component Based development method
- Service Oriented architecture
- Software Analyze and Design Methodology.
- Software project management

Curriculum Vitae

- Portal applications and architecture
- Data base management (RDBMS) and Multidimensional database
- Data Warehousing and Data Mining
- Knowledge based Management systems (BI)
- Web based software Eng. And web design and development
- Mobile applications
- Software Bot
- SEO (search engine optimization), SEM (Search engine Marketing)
- SEA (Search engine Advertisement), SMO (Social media marketing)

Governmental Job:

- Professor of Amirkabir University
- Professor of Arak University
- Professor of AZAD University
- Professor of Paramour University
- Professor of Elmi-karbordi University
- Professor of Tabriz University
- Professor of IASBS Zanjan University

Teaching Experience at University

- Advance Database Management Course
- Advance Database Management Discourses Course
- Advance Software Eng. Discourses Course
- Advance Software Eng. Course
- Software Eng. Course (I, II)
- Decision making course
- Software Project Management Course

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Computer skills

- Good knowledge of Unix Administration
- Good knowledge of Network Tuning
- Good knowledge of Shell Programming
- Good knowledge of web/ mobile/portal/application Programming

System Analysis and Design

- Expert of Object-Oriented Analysis and Design (RUP, XP, UML)
- Expert of Structured Analysis and Design (SSADM, IE, YOURDON, Oracle CDM (classic and fast track))
- Expert to Management of Software Applications Projects
- Expert of Variety Modeling Technique at Software Eng. Methodologies

Operating Systems

- UNIX Family
- Windows Family

Other knowledge:

- Network protocols (TCP/IP, Ftp, Telnet, SMTP, POP3, HTTP, SSH)
- Firewall and related topics (Proxy)
- Data Recovery

Management Knowledge

- Knowledge Management
- DSS Methods and Algorithms and Applications
- BI Application
- Balance Score Cards Method

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- Zach man Information Enterprise architecture Framework (ERP implementing method)
- Strategic planning
- IT strategic Planning
- IT master Planning
- Senior system analyzing
- Digital marketing
- Search engine optimizing

Application Software Tools:

- Rational Rose, OracleDesigner2000, Oracle Developer 2000, Oracle JHeadstart, Oracle Jdeveloper2000, Internet related tools, FrontPage. TATA Case tool, Evergreen Tool Oracle Application server, WordPress ,Life Ray Portal, Mambo CMS (PHP) .oracle Apex development tool.

Work Experience (Part Time)

- Computer department Manager of Navard aluminums (IDRO)
- R&D department Manager of ALBORZ Computer Co
- Information Technology department Manager Rassa Co

Short list Publications(Of 100):

Publication title: A New Method for Knowledge Representation in Expert System's (XMLKR)

Publication date 2008 publication description IEEE Explore Conference: Emerging Trends in Engineering and Technology, 2008. ICETET '08. First International Conference on

Publication description Abstract:

Knowledge representation it's an essential section of a expert systems, because in this section we have a framework to establish an expert system then we can modeling and use by this to design an expert system. Many method it's exist for knowledge representation but each method have problems, in this paper we introduce a new method of object oriented by XML language as XMLKR to knowledge representation, and we want to discuss advantage and disadvantage of this method.

[See publication A New Method for Knowledge Representation in Expert System's \(XMLKR\)](#) See publication

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Publication title: An Agent-Oriented Framework for software Testing

Publication date 2008 publication description 3rd International Conference of Information and Knowledge Technology 2007 (IKT'07), Ferdowsi University, Mashhad, Iran.

Publication title Mining Scientific Paper References to Find Anomaly and Fraudulent References

Publication date 2008 publication description 2nd Data Mining Conference, (IDMC 2008), Amirkabir University of Technology, Tehran, Iran. (Submitted)

Publication title using a Two-way Balanced Incomplete Block Design to Comparing an Agent-Oriented Software Engineering Methodologies

Publication date 2007 publication description Published in ENASE 2007

Publication description there has been a surge of interest in agent-oriented software engineering in recent years. Numerous methodologies for developing agent-based systems have been proposed in the literature and the area of agent-oriented methodologies is maturing rapidly. Evaluating methodologies' strengths, weaknesses and domains of applicability plays an important role in improving them and in developing the "next-generation" of methodologies. In this paper, we present a reliable framework that adopts statistical techniques to compare agent-oriented methodologies. Based upon this framework we performed a comparison of four AOSE methodologies MaSE, Prometheus, Tropos and Gaia

Publication title: Comparing agent-oriented methodologies using NFR approach

Publication date 2004 publication description Published in ICSE 2004 DOI: 10.1049/ic: 20040353

Publication description: there is an ever-increasing demand for standard software systems to operate in increasingly complex application environments. Hence, agent-orientation appears as a well-suited paradigm for building such systems. Although several methodologies have been proposed for agent-oriented development, it's difficult to evaluate them because they usually differ in their premises, covered phases, models, concepts and the supported multi-agent system properties. In this paper, we show that the NFR (Non-Functional Requirements) framework is useful to describe properties of agent-oriented systems as well as to evaluate well-known methodologies supporting them. Moreover, other-methodological aspects are used as criteria to analysis and compare these methodologies. A comparison between GAIA and Tropos is shown as an illustration of our proposal.

Recent web White paper publications:

Publications Date In 2019: (with Business/ scientific Approach)

Publication Description: Publications are generally in categories related to web topics. These articles are written in both French and English.

<https://avengering.com/blog/> French Version <https://avengering.com/en/blog/> English Version

Audio/ Video publications:

Publications Date In 2019: (with Business/ scientific Approach)

Publication Description: Publications are generally in categories related to web topics. These articles are written in both French and English.

<https://www.youtube.com/user/MrSiavashkaviani/videos>

Curriculum Vitae

Short list Main Duties and Responsibilities

- Research /Analyse IT requirements within companies and give independent and objective advice on the use of IT.(IT master/ strategy Plan)
- Provide specialist support and back-up to professionals within client companies.
- Advise on strategic planning and operational efficiency.
- May run facilities for clients.
- Design, develop and test new systems.
- Train staff in new systems.
- Analytical approach to work.
- Excellent problem-solving interpersonal skills.
- Communication skills.
- Ability to absorb complex technical information and pass this on clearly.
- Manage and Steering the project team/ Staffs.(team and project management)
- Determine the strategies.
- Observing the strategies with IEF and EEF methods.
- Academic /Scientific researches.
- Academic educational Training.

Interests

- Writing, Sport (Specially Football, Basketball, swimming, tennis, Golf, Karate,), Study Book (Specially Novel), Psychology, Walking, Trip, Family entertainment, literature (Specially Poem)

Contact Information:

- Academic Email Address: s-kaviani@iasb.ac.ir
- General Email Address: siavoshkaviani@gmail.com
- LinkedIn: <https://www.linkedin.com/in/siavosh-kaviani-14871044/>
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