

Sanaz Shahraeini

Citizenship : Iranian • Date of birth : 18 January 1985

Contact

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Career Objective

To be recognized as an open minded research associate in the field of science. To obtain a position that will enable me to use my strong organizational skills, educational background, and ability to work well with people.

To achieve the highest position in the field of imparting education to students.

Key Skills

Proficient or familiar with a vast array of programming languages, concepts and technologies, including:

.NET Framework (C#)
C / C++

ASP.Net ,PHP
SQL Server, MySQL

HTML,CSS
MATLAB

Windows, UNIX
UML,RUP

Education

2009 to 2011

Master in Artificial Intelligence - Computer Engineering

Islamic Azad University of Mashhad (IAUM), Mashhad-Iran

GPA : 17.97 out of 20.00

Thesis subject : Digital image watermarking with fractal model in DWT domain

Passed Courses: Pattern Recognition, Fuzzy logic and Fuzzy systems, Image processing, Evolutionary computing, Chaos and Fractal theories, Machine learning, Robotics, Fault tolerating systems, Seminar

2004 to 2008

Bachelor in Computer Software Engineering

Islamic Azad University of Mashhad (IAUM), Mashhad-Iran

GPA : 16.42 out of 20.00

B.S Project: Designing and Implementation of a web portal for Iran Insurance Institute.

Passed Courses: Software Engineering, Advanced Software Engineering, Machine Language and System Programming, Digital Design, Computer Architecture, Operating systems , Principles of Databases Design ,Computer Networks, Internet Engineering, Multimedia Environments, Artificial Intelligence, Expert Systems and Knowledge Engineering , Computer Graphics , Formal Languages and Automata Theory , Compiler Design, Design and Implementation of Programming Languages, Advanced Programming , Data Structure, Algorithms Design, Information Storage and Retrieval , Scientific and Technical Concepts Presentation

Work Experience

- **Member of Editorial Board in International Journal of Electronics and Computer Science Engineering (IJECSE). (www.ijecse.org)**

- **Participant in a virtual reality system project for IAUM, Member of the project team for analyzing and designing.**

September 2009 to March 2010

- **Lecturer at Islamic Azad University of Mashhad and Part Lastic Elmi Karbordi , Responsible for teaching undergraduate courses in : Operating systems, Software Engineering, Principal of Database design, Web designing, Advanced Programming, Logic Circuits, Artificial Intelligence.**

Part-time job , December 2008 to Current

- **Programmer in C2N Co. Responsible for HTML, CSS, C++, C#, ASP.NET coding on many of the software projects.**

Part-time job , March 2008 to Current

Publications

- **"A New Approach in Digital Image Watermarking Using Fractal Model in DWT Domain".**
Advanced Materials Research Journal, Volume MEMS ,NANO and Smart Systems, Page 3510-3518 ,Nov 2011,Switzerland

- **"A Robust Digital Image Watermarking Approach against JPEG Compression Attack Based on Hybrid Fractal-Wavelet ".** *International Conference on Computer Communication and Management, ICCCM 2011, Australia.* (Accepted March 20,2011), Published

- **"A Novel Color Based Image Retrieval System Using Binary Signatures in HSV Color Space".**
Iranian Student Conference on Electronic Engineering, ISCEE2011, Iran.(Accepted August 2011),Published

- **"K-AFSA: A New Hybrid Approach in Clustering Data".**
Iranian Conference on Electronic Engineering, ICEE2011, Iran.(Accepted May 2011),Published

Research Interests

My research interests include Image processing, Machine Learning, Networking, Web designing, Electronic commerce, Genetic Algorithm and Fuzzy systems.

Currently I am involved in writing books about fundamental of computer and principles of Electronic Commerce. Also preparing a paper about voice over IP (VOIP) systems on NGN.

Competencies

- * Hold a record of being called the best guide to students
- * A patient listener.
- * Strong in conversation
- * An effective speaker
- * Strong in communication
- * An able controller of situations.

Activities and Interests

Internet	Personal ASP.Net project: www.sshahraeini.ir (under construction)
Sports	Tennis, Football
Book	Roman, History, Computer

Languages

Persian (native)

English (fluent)

German (basic)