

BABAK SAIRAFI

Birth:10/23/1980

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EXPERIENCE

IT Department Manager, Isatis Company

2020 - PRESENT

Coding Instructor, Allameh Helli Gifted School , Tehran

2018 - 2022

Computer Science Lecturer, tehran institute of technology

2016 - PRESENT

Teaching Specialist, Bamdad Knowledge and Technology

2018 - 2020

Head of Software Development Department and Development team, Faragaman Kian Corporation

2006 - 2007

EDUCATION

Master of Science in Information and Communication Technology (ICT), Iran University of Science and Technology

2011

Bachelor of Engineering in Computer Software Engineering, Zanzan University

2003

SCHOLARLY ACTIVITIES

Image Processing (Persian Digit and Alphabet Recognition)

(97% accuracy)

RESEARCH EXPERIENCE

SKILLS

C# Programming language
C++ Programming language
SQL Server Databases
HTML, CSS, Javascript, Ajax
ASP.Net
Oracle Databases
Delphi Programming language

AWARDS

Ranked 1st in MFT Engineering Software Department Instructor, (2018)
Ranked 1st in ICT Department Instructor, UAST (2011)
Ranked 1st in ICT Department Instructor, UAST (2010)
Ranked 1st in MFT Engineering Software Department Instructor, (2004)
Ranked 1st in Tehran Universities Swimming Competition , (2011)

**Member of Persix-Q Compiler Implementation team
(patent submitted)**

**Member of Persix-S Compiler Implementation team
(patent submitted)**

AI Research and Implementation for Smart Games

**Research on Genetic Programming and Meta
Heuristic Algorithms**

TEACHING EXPERIENCE

More than 18000 Hours since 2005

a) Sessional Faculty/ Instructor/ Lecturer

- Data Structure and Algorithms, UAST
- Object Oriented Programming, UAST
- Cryptography, UAST
- Delphi Programming, UAST
- Operating System Design, UAST
- Web Development, UAST
- Programming and Software Development, Sharif University of Technology Jihad
- C#.net, Sharif University of Technology Jihad
- Calculus, UAST
- ODE (Ordinary Differential Equation), UAST

b) High School Instructor(Talented Schools)

- C++ Programming
- C# Programming
- Calculus
- Statistics and Probability
- Computer Olympiad
- Programming Competition
- Geometry
- Discrete Mathematics

c) More than 5000 Hours of Private Tutoring

CERTIFICATION

Oracle, Database Certification

MCSE, Microsoft Certified Solutions Expert

MCTS, Application Development Foundation 70-536

PROJECTS

Design and Implementation of WRRC Software, — 2009

Design and Management of SORM Software for Citex Corporation, — 2008

Design and Implementation of Online Shopping Platform, — 2008

Design and Implementation of Education Administration Software, — 2007

Design and Implementation of Real Estate Comprehensive Portal Software, — 2007

Member of Ahvaz Administration of Justice, Software Design and Implementation team, — 2006

Design and Implementation of Sahab Feyz Corporation Importation Department, — 2006

**Design and Implementation of Iran Air Force Part
Purchasing Department, — 2005**

**Design and Implementation of Legrand Corporation
Warehousing Software, — 2004**

**Design and Implementation of Mechanized TV Program
Supply for IRIB, — 2003**