

MARYAM BOOSHEHRIAN

Date of birth: May 27th, 1983

Gender: Female

Marital status: Married

Nationality: Iranian

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RESEARCH INTERESTS

- Computer Graphics
- Animation
- Computer Games
- Computer Networks, esp. Sensor Networks

EDUCATION

- **2005-2007:** M.Sc. in Computer Software, Graduate School of Computer Engineering, Sharif University of Technology, Tehran, Iran.
 - Thesis Title: "Study and Evaluation of K-Coverage Methods in Sensor Networks"
 - GPA: 3.71/4.00 (A)
- **2001-2005:** B.Sc. in Computer Engineering, Sharif University of Technology, Tehran, Iran.
 - Thesis title: "Software Product Line Based on J2EE"
 - GPA: 3.54/4.00 (A⁻)
- **1997-2001:** National Organization for Development of Exceptional Talents Diploma (NODET), Mathematics and Physics Discipline, Tehran, Iran.
 - Diploma GPA: 3.92/4.00 (A⁺)

HONORS & AWARDS

- **Spring 2005:** Being ranked 19th among more than 18,000 participants in the National Graduate Study Exam in the field of Computer Engineering, and entering the M.Sc. program in Computer Software at Sharif University of Technology.
- **Summer 2001:** Being ranked 115th among about 1,000,000 participants in the National University Entrance Exam and entering Sharif University of Technology's Computer Engineering undergraduate program.

- **Summer 1994:** Being selected in National Organization for Development of Exceptional Talents (NODET), and pursuing the intermediate and high school education in that organization

LANGUAGE SKILLS

- Native Farsi (Persian)
- English (Fluent)
 - TOEFL iBT Score: 95/120 (Oct. 2007)
- Arabic (Medium)
- German (Beginner)

TEACHING EXPERIENCES

- **Fall 2005 (Teaching Assistant):** Computer Workshop (Undergraduate course), Supervised by Dr. Jalili, Department of Computer Engineering, Sharif University of Technology.

WORK EXPERIENCES

- **October 2007-now:** Game Physics Engine Developer, FreedomQuest Group
- **Fall 2007:** Staff Head, Regional ACM Contests
- **Fall 2006:** Staff Head, Regional ACM Contests
- **2005-2006:** Member of the Programming Team, A'van Software Technology Advisors
- **2004-2005:** Member of the Researcher Group, Tehran Municipality Young Consultants

SPECIAL SKILLS

- Expert in software design, programming, and web design.
- Programming Languages:
 - C
 - C++ (Professional)
 - C#
 - Java (Professional)
 - Delphi
 - Pascal
 - Python
- Operating Systems:
 - Windows (XP, Vista)
 - Linux
- CADs & Graphics:
 - AutoCAD
 - 3D Studio Max
 - Photoshop CS3

RELATED COURSES

Preparatory Foreign Language
Complementary English
Computer Technical English
Computer Programming: Java
Advanced Programming: C++
Numerical Computation
Differential Equations
Engineering Graphics
Signals and Systems