

Ali Asghari

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EDUCATION

University of Southern California, Los Angeles, U.S.A.

Ph.D candidate, Earthquake Engineering, graduation expected, May 2006.

University of Southern California, Los Angeles, U.S.A.

Master's in *Computer-Aided Engineering*, August 2003.(G.P.A: 3.9/4.0)

Khajeh Nasir Toosi Institute of Technology, Tehran, IRAN

Bachelor in Civil Engineering, 1999.

RELATED COURSE WORK

- FEA, Computer Analysis and Simulation of Structural Systems. -Earthquake Engineering.
- Modal identification of Structures. -Computer/Web programming and Databases.
- Risk Analysis. -Digital Signal Processing.

SKILLS

Programming languages: C#/C++ , VB, ASP.NET, Java and FORTRAN.

Web-related programming/scripts: Java, Javascript, PHP, SQL, XML and Perl.

FE software Packages: NASTRAN, SAP 2000, COSMOS/m and Ideas.

Design and Math softwares: Mathematica, Matlab, AutoCAD and Solid Edge.

Applications : MS Office 2000/XP and web-design packages.

WORK EXPERIENCE

- University of Southern California, Civil Engineering Department

Research Assistant (Spring 2002 - Now)

Assisted in *Web-based* Soil-Foundadtion-Structure-Interaction Simulation as part of NEES project.

Assisted in coordination of SMA DATA from Taiwan **Earthquake** : Phasa 1

- Los Angeles Department of Public Works, Design Division

Internship (Sumer 2002)

Assisted in creating "Design Division database" in Ms-Access enviornment.

- Tarig ALGhanim Ltd. Co. State of KUWAIT

Field Supervisor (May.,2001 – Jul.,2001

Assisted in supervising and planning remote site construction.

- NCMS Ltd. Co. RIYADH, SAUDI ARABIA

Field Supervisor (Dec., 2000 – Apr.,2001)

Assisted in supervising and planning remote site construction.

PUBLICATIONS

- Robert Nigbor, **Ali Asghari**, Larry McMichael, Kyran Mish,(2004). " Development of a Prototype Web-Based SFSI Simulation Tool" The Geo-Institute of the American Society of Civil Engineers.
- Asghari A., 1999, "**Seismic Hazard analysis**", Earthquake Engineering technical report K.N.T.University.

HONORS/AWARDS

- "**Hami Scholarship Award**" ,by Association of Professors and Scholars of Iranian Heritage, sponsored by Fanni University Civil Engineering Alumni. April, 20 2003.
- **Honored by Association of Professors and Scholars of Iranian Heritage** for outstanding achievement in Civil Engineering Education. April, 2003.
- "**Leadership Award**", by Office of International Services, University of Southern California, April 2003.
- "**Academic Achievement Awards**", by Office of International Services, University of Southern California, April, 2003.

ACTIVITIES

- The Third Civil Engineering Student Conference
 - K.N.T. University (Fall 1995)
- Welding Technology in Steel Structure
 - K.N.T. University (Fall 1997)
- Iranian Graduate Student Assosiation, Officer
 - USC. (Fall-Spring 2002-2003)