

CURRICULUM VITAE

▪ **Personal Information:**

First Name: Ali
Surname: Zamani Noori
Tax Code: ZMNLAI83L05Z224Z
Gender: M
Date of Birth: 05/July/1983
Place of Birth: Tehran, Iran



▪ **Current Address:**

Department of Structural, Geotechnical & Building Engineering (DISEG)
(Room 2, 3rd floor, Entrance III)
Politecnico di Torino,
Corso Duca degli Abruzzi 24, 10129 Turin, Italy

▪ **Contact Information:**

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▪ **Current Position:**

Feb. 2015 - Now **Ph.D. student and research assistant in Structural Engineering**
Research topic: Resilience-Based Design of Structure
Advisor: Prof. Gian Paolo Cimellaro
Politecnico di Torino , Department of Structural Engineering (DISEG), Italy

▪ **Educative Degree:**

2005 – 2008 M.Sc. in Earthquake Engineering
Sharif Univeristy of Technology, Department of Civil Engineering, Iran
Advisor: Prof. Fayaz Rahimzadeh Rofooei
Thesis title: “Application of Base Isolation Method in Improving the Seismic-Induced Behavior and Retrofitting of 3-D Structural Models”

2001 – 2005 B.Sc. in Civil Engineering
Isfahan Univeristy of Technology, Department of Civil Engineering, Iran
Advisor: Prof. A. M. Halabian
Project title: “Seismic Vulnerability and Retrofitting of Steel Structures with Lateral Moment Resisting System”

2001 Diploma of Mathematics
Ali-ebn-Abitaleb High School, Iran
National Iranian Org. for Development of Exceptional Talents

▪ **Language Proficiency:**

Persina: Mother tongue
English: TOEFL (iBT): 101/120 (reading:26, listening:22, speaking:26, writing:27)
GRE (general): 1080 (quantitative:770, verbal: 310)
Italian: Fair

▪ **Publication:**

1. Ali Z. Noori, Fayaz R. Rofooei, “Application of Base Isolation Method in Improving the Seismic Induced Behavior of 3-D Structural Models”, 7th General Assembly of Asian Seismological Commission and Seismological Society of Japan, Tsukuba International Congress Center, Japan, November 2008
2. Fayaz R. Rofooei, Ali Z. Noori, “Performance Investigation of Base Isolation Method as a Passive System Control in Seismic Retrofitting of Steel Structures with Lateral Moment Resisting System”, 4th National Congress on Civil Engineering, Tehran, Iran, May 2008
3. Reza Attarnejad, Mahmoud Rabbane Bidgoli, Ali Z. Noori, Kaveh Motamedi, “Discrete Singular Convolution, A Novel Approach for Steady State Seepage Analysis”, Journal of Applied Mathematical Modeling on Science Direct - Submissions Being Processed-

▪ **Teaching Experience:**

Fall 2011	Teacher of Material Engineering Laboratory Course Polytechnic Institute of New York University, Brooklyn, NY, USA
Fall 2011	Teacher assistant of Mechanics of Material Course Polytechnic Institute of New York University, Brooklyn, NY, USA
Fall 2006	Teacher assistant of Advanced Earthquake Engineering Sharif University of Technology, Iran
Spring-Fall 2003	Teacher assistant of Static Course Isfahan University of Technology, Iran
Spring-Fall 2003	Teacher assistant of Mechanics of Materials Course Isfahan University of Technology, Iran

▪ **Work Experience:**

Jan. 2012-Jan. 2015	Company: PETROPARS Project: South Pars Gas Field Development-Phase 19 (Onshore Facilities) Position: Senior Structural Engineer in analyze, design and engineering services of steel structures, shelters, piperacks, blast proof substation and control buildings, equipment foundations of fixed and vibrating machineries (reciprocating and rotary)
June 2008–Sep. 2011	Company: Tehran Jonoob - Bina Joint Venture Project: Bandar Abbas Gas Condensate Refinery Position: Senior Structural Engineer in analyze and design and engineering services of steel structures (including steel piperack, equipment support, shelter, etc.)
Dec. 2006–June 2008	Company: Nargan Engineering and Constructors Project: Kordestan Low Density Poly Ethylene plant (LDPE) Position: Contribution in basic, detailed engineering and design services

▪ **Software Skill:**

Earthquake Eng.:	OpenSees, 3-D Basis, SeismoSoft, SeismoSignal
Structural General:	SAP 2000, ETABS 2000, SAFE 8
Programming:	MATLAB, Visual Basic
General Software.:	MS Office, AutoCAD, MathCAD

▪ **Award & Honor:**

- 2015 - 2018 University Scholarship provided by the Politecnico di Torino
- 2005 Ranked 100th among 25,000 examinees in the Iranian Civil Eng. Graduate Entrance Exam
- 2001 Among top 1% of more than 500,000 examinees in the Iranian Nationwide University Entrance Exam
- 2000 Ranked 11th in the final stage of the National Mathematics Olympiad for participation in the 41st International Mathematical Olympiad (IMO 2000) in South Korea

▪ **Optional Courses:**

- 2015 - PhD Course Knowledge of Structural, Geotechnical and Seismic Cultural Heritage
- 2015 - PhD Course Intervention techniques for recovery of wooden and masonry structures
- 2015 - PhD Course Evaluation of uncertainty in measurement
- 2006 - M.Sc. Course Continuum Mechanics
- 2006 - M.Sc. Course Seismic Design of Structures
- 2006 - M.Sc. Course Structural Control
- 2006 - M.Sc. Course Advanced Theory of Concrete Structures
- 2005 - M.Sc. Course Seismic Hazard and Risk Analysis
- 2005 - M.Sc. Course Dynamic of Structures
- 2005 - M.Sc. Course Advanced Earthquake Engineering
- 2005 - B.Sc. Course Tunnel Design

▪ **Extracurricular Activities:**

- 2008 Member of the Alumni of Association of Sharif University of Technology
- 2007 Member of Iranian Construction Engineering Organization
- 2007 Member of Iranian Society of Civil Engineers
- 2005 Member of the Alumni of Association of Isfahan University of Technology