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Personal characteristics

First Name: Raouf
Last Name: Kaviani
Father's name: Mohammadmehdi
ID card No.: T54546445
Date of birth: 27/06/1990
Place of birth: Ghazvin
Marital status: Single

Education

1. University of Ghiaseddin Jamshid Kashani
Master of Science Civil Engineering, Structural Engineering Iran

09/2012 – 09/2014

Final Thesis:
Comparison of Performance of special reinforced concrete frame structures with special lateral shear wall based on the third and new version of pre-code of Iranian practice for the seismic resistant design of buildings. Score: 17/20

Credit: 32 GPA: 3.4 (15.98 out of 20) "The Iranian grading system is similar to that of Frances' in secondary schools and universities"

2. Islamic Azad University of Karaj
Bachelor of Civil Engineering, Karaj, Iran

09/2008 – 09/2012

Credit: 146 GPA: 3.47 (16.33 out of 20)

3. Hannan High School
High School Diploma, Tehran, Iran

09/2004 – 06/2008

GPA: 3.79 (18.42 out of 20)

Publication

[Comparison of the Performance of Structures with a Special Lateral Bearing System of a Special Reinforced Concrete Frame with Special Shear Wall based on the Third Edition and the Draft of the Version No.4 of the Iranian Earthquake Code](#)

Work experience

1. Building teacher at Taleghani Technical and Vocational High School
Ministry of Education, Iran
Sep 2021 to Present
2. Structural Design Engineer
Eghlim Khak Eskan Co Part-time Tehran, Iran
Sep 2018 to Sep 2021
3. QC in the 6th line of Tehran metro that is among the four finalists at International Tunneling and Underground Space Association (ITA) Tunneling Awards 2017 in the category of ‘major project of the year’. <http://rahsaztarh.ir>
Rahsaz Tarh Co, Iran, Tehran
Mar 2017 to Sep 2018
4. Structure Designer supervisor in several government project sites
Ministry of Labor, Iran, Tehran
Feb 2015 to Dec 2016

Languages

1. English-Fluent PTE Academic 72 scored out of 90
2. Persian-Native
3. Arabic-Familiar
4. Azeri-Familiar

Training Courses

1. HSE Certificate, Ministry of labor, Iran, Tehran, Iran, 2017
2. License for Tehran's building engineering system
3. Employee Certificate, Ministry of Labor, Iran, Tehran, 2016
4. Autodesk Land Desktop Karaj Azad University, Iran, Tehran, 2011
5. General Accounting technical and professional organizations Iran, Tehran, 2016

Research interests

1. Machine learning applied in concrete materials.
2. Using recycled materials in construction.

Special skills

1. Applied data science especially image data processing
2. Experimenting on concrete samples
3. Designing structure

Volunteer Activities

1. Cooperation in the “MAHAK” charity exhibition for the benefit of homeless children.
2. Assisting various teachers and professors in course planning and making slides from course materials.
3. Cooperation in the selection and purchase of books for the library of the Faculty of Civil Engineering, Karaj Azad University
4. Cooperation in the “RAAD” charity exhibition for the benefit of physically handicapped children.
5. Cooperation in the “KAHRIZAK” charity for the benefit of old retired people.

Computer Skills

1. Python 3 specialist
2. Competent in using MS. Office
3. Competent with using Auto desk CAD & Autodesk civil 3D & Revit
4. Competent with using ETABS
5. Competent with using SAFE
6. Competent with using Sap 2000
7. Knowledge of Structure cost estimation soft wares

Hobbies

1. Swimming
2. Football
3. Cycling

Arts field

Writing poems in my own world

Leisure Time

1. Reading books
2. Watching series
3. Watching movies
4. Hanging out with my friends

Teaching Experience

Islamic Azad University, Karaj branch (KIAU) Teacher Assistant of Autodesk Civil 3D Course

Fall 2011

Referrals

1. Ali Nikkhoo PH.D., Associated Professor at Civil Engineering Department at the University of Science and Culture,

Tel: 02144238171-5

Email: nikkhoo@usc.ac.ir

2. Alireza Rezaeian, Ph.D., Associate Professor at Civil Engineering Department, kiau, Karaj, Iran

Email: farid_rezaeian@yahoo.com