

EDUCATION

- **B.Sc. in Civil Engineering**, Islamic Azad University of Isfahan (Khorasgan) Branch, Isfahan, Iran (Jan. 2013-Oct. 2017)
Thesis: The types of concrete cracks and how to repair it.
GPA: 14.54/20
- **Diploma in Experimental Sciences**, National Organization for Development of Exceptional Talents (NODET), Isfahan, Iran
GPA: 15.81/20

RESEARCH INTERESTS

- Developing environmentally-friendly cements and concrete
- Developing sustainable cementitious building materials and concrete infrastructure design
- Investigation of volatile organic compounds in the environment
- Environments and green buildings
- Quality management of structural projects
- Construction management
- Damage assessment
- Using renewable energy

WORK EXPERIENCES

- Consular and Construction project manager, Khatonaghsh Partak Consulting Engineers Firm, Isfahan, Iran (2020-2022)
- Member of the executive committee of the Industrial Towns Company, Industrial Towns of Isfahan Province, Isfahan, Iran (May 2019-March 2020)
- Manager of Public Relations, Rahpuyan Parvaz Company, Isfahan, Iran (2018-2019)
- Senior Consultant and Head of Technical Unit, Espadan International Holding, Isfahan, Iran (2017-2018)
- Manager of Civil Engineering and Drawing Unit, Espadan Consulting Engineers Group, Isfahan, Iran (2016-2017)

Teaching experience

- Forsat barabar Academic Institution, Isfahan, Iran, 2014-2021
Taught Math to Students grades 10 to 12.
- Educational Manager
- Educational Consultant for students preparing for the university entrance exam.
- Rahpooyan Parvaz Academic Institution, Isfahan, Iran, 2013-2021
Taught Physics to Students grades 10 to 12.

VOLUNTARY EXPERIENCES

- construction of a water treatment plant in Varzaneh city (from zero phases to operation)
- Design and implementation of Baghat-e Aseman Complex
- Strengthening and optimizing the space of Isfahan police stations
- Consulting in the development plan of Al-Ghadir Boulevard and changes in the cities adjacent to the boulevard, including Isfahan, Dorcheh, Kooshk, and Najafabad

HONOR AND AWARDS

- Submit a research paper to a biology conference, National Organization for the Development of Exceptional Talents High School, 2012

WORK SHOPS

- AutoCAD for design and drafting exam prep, online course, Coursera, Oct. 2021
- Growing edible mushrooms (60 hours), Agricultural Institute of Education and Extension, passing with a grade of 16/20, July 2021
- Surveyor with Total Station electronic devices (45 hours), passing with a grade of 77/100, Isfahan Technical and Vocational Organization, Feb. 2018
- OSHA training course (32 hours), held by Estedadhaye Payaye Danesh (Espadan) Consulting Engineering Co., Oxford Cert Universal Academy (April 2017-June 2017)
- Mechanical analysis with ABAQUS software (25 hours), Amirkabir Technical and Vocational Institute (April 2016-May 2016)
- Project Management training course (20 hours), held by Estedadhaye Payaye Danesh Consulting Engineering Co., Oxford Cert Universal Academy, May 2016

RESEARCH AND ACCOMPLISHED PROJECTS

- investigating the environmental effects of the sugar factory near the University on the useful lifetime of the structures and water of the University
- Earthquake reinforcement of masonry structures using ETABS
- Steel structures project using ETABS
- Concrete structures project using ETABS
- Road construction project using Civil 3D
- Urban design project using GIS and AutoCAD
- Research project on the effect of slant shear on concrete columns using Abaqus

RELATED COURSES

- Earthquake Resistant Masonry Structures: 19.5/20
- Principles of Earthquake and Wind Engineering: 18/20
- Principles of Construction Management: 17/20
- Sustainable Development Energy: 15.5/20
- Building Engineering Software: 16.5/20
- Construction and Road Construction Machinery: 16/20
- Concrete Technology: 19.25/20
- Steel Structures: 17.5/20
- Structural Analysis: 16.60/20
- Principles of GIS in Civil Engineering: 15.25/20
- Strength of Materials: 15.5/20
- Architectural Design and Urban Planning: 18/20

SKILLS

- **Specialized:** AutoCAD, Civil 3D, ETABS, Abaqus, GIS, Safe, Photoshop
- **Microsoft Package:** Word, Power point, Excel

LANGUAGES

- **Persian** (Native), **English** (Fluent)

ACTIVITIES

- Design and edit photos and banner ads
- Making teasers
- Logo design

REFERENCES

- Prof. Mohammad Sadegh Birzhandi

Assistant professor,

Department of Civil, College of Engineering and Technology

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- Prof. Alireza Zarei

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- Prof. Ali Khoshfetrat

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