

Keyvan Vahedi

EIT with Professional Engineers Ontario

1007-5793 Yonge St., Toronto, ON

(437)-776-4086

keyvan_vahedi2000@yahoo.com

HIGHLIGHTS

- Over 15 years of extensive experience in civil and structural engineering and also in project management specifically infrastructure projects
- Master's degree in Structural Engineering and Bachelor's Degree in Civil Engineering
- Designated as EIT with Professional Engineers Ontario (PEO); P.Eng. License in progress
- Solid Experience in the design of residential/commercial buildings and bridges as well as field engineering
- Excellent in using engineering standards and manuals including GDGCR , AASHTO , OSIM , CSA A23.3 , SRM , OHSA ,
- Interpersonal, communication and presentation skills; proficient in using MS Office
- Strong abilities in using AutoCAD , Civil 3D , ETABS , ...

PROFESSIONAL EXPERIENCE

Bridge Inspector and Laboratory Technologist

Aug 2017 – Present

Bridge Check Canada, Vaughan, Ontario , Canada

- Inspecting various existing bridges for finding any structural deficiencies and material defects and checking the compliance with Ontario Structure Inspection Manual (OSIM) and MTO Structure Rehabilitation Manual (SRM)
- Performing different material tests as per engineering test methods and applicable standards
- Utilizing , operating and maintaining laboratory equipment
- Preparing engineering reports for more than 200 bridges, culverts, substructures , etc. for different road authorities and clients

Senior Civil & Structural Engineer

Apr 2009 – Aug 2017

Ghazvin General Department of Roads and Urban Development, Ministry of Roads and Urban Development, Ghazvin, Iran.

- Supervised road & highway design teams
- Prepared and negotiated contracts and supervised consultants

- Managed the team of planning the long-term development of roads and highways in the Province
- Successfully Supervised roads and pavement design teams for about 50 projects consist of about 200 Km of Roads and highways, 15 interchanges and bridges and . . .

Building and Bridge Engineer/ Design

Nov 2002 – Apr 2009

Ghazvin General Department of Roads and Urban Development, Ministry of Roads and Urban Development, Ghazvin, Iran

- Successfully supervised bridge, road & highway contractors for about 30 projects consist of about 150Km of Provinces' Roads and highways and 7 interchanges and bridges
- Assisted in preparing and negotiation of contracts
- Prepared monthly and annual reports of road and highway development
- Assisted in long-term planning and development of roads, highways, and bridges in the Province.

Freelance Engineering Consultant

Sept 2002 – Aug 2017

Registered Professional Engineer with Grade A License, Ghazvin, Iran

- Designed and supervised 75 residential buildings, measured almost 20775 m² in the province of Ghazvin, Iran

University Lecturer

Sept 2007 – July 2017

Department of Civil Engineering, Islamic Azad University of Ghazvin

- Prepared and taught the following courses: Statics, Strength of Materials, Steel Structures Design, Structural Analysis, Computer Programming, Concrete Structures Design

EDUCATION

2002 – 2005	Master of Science, Civil Engineering (Structural Engineering) Department of Civil Engineering, Industrial University of Shahrood, Iran
1996 – 2000	Bachelor of Science, Civil Engineering Department of Civil Engineering, Imam Khomeini International University, Iran

SKILLS

- Analysis and designing roads, highways, and bridges
- Practical knowledge of pavement design and road construction
- Experience in structural analysis
- Experience in planning and design and supervision of transportation systems
- Ability to negotiate and facilitate complex information and manage multidimensional projects
- Effective technical writing skills, oral presentation, and project management skills
- Well-developed planning, problem solving, analytical, and communication skills
- Knowledge of spreadsheet, data analysis & management, and word processing software
- Effective and practical experience in projects estimating
- Strong abilities in computer programming using software such as Delphi , C-builder , . . . for civil and structural issues