

Ali Aryanpour

Last Update: Apr 2024

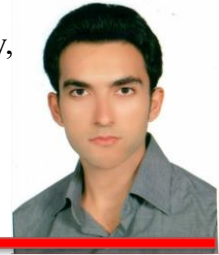


No. 3, 1th Floor, Rahmat Gostar Alley, Persian Gulf Highway,
Mehr Housing, Qeshm, Hormozgan Province, Iran



aliaryanpour66@gmail.com

13 May 1988, Isfahan, Iran



Contact

- **Tel:** +98713-8205403
- **Fax:** +987633347929
- **Mobile:** +9893-7955-4362 (Telegram & WhatsApp)
- **Email:** Aliaryanpour66@gmail.com
- **Email Academic:** A.aryanpour@khuishf.ac.ir
- **Skype:** AliaryanpourCivil
- **LinkedIn profile:** <https://www.linkedin.com/in/ali-aryanpour-2a02b198/>
- **Research gate profile:** https://www.researchgate.net/profile/Ali_Aryanpour2



Summary

I am deeply motivated to expand my knowledge in science and technology, with a specific passion for researching intercedence. My goal is to cultivate a strong foundation by understanding the principles and methodologies of scientific inquiry, immersing myself in diverse literature, and staying up-to-date with the latest advancements. By honing my engineering skills, I aim to effectively contribute to the field of intercedence research, ensuring its accuracy and relevance. With a background in civil engineering holding both a Bachelor's and Master's degree, I have acquired extensive experience in structural design, detailing, and 3D modelling, particularly in the field of earthquake engineering. Over the past decade, I have engaged in various projects, collaborating with clients, conducting structural design and drafting, as well as tutoring in civil engineering. My true passion lies in the creation of innovative models and methods in civil, aerospace and mechanic engineering, especially in the aftermath of earthquakes. My current research activities are focused on full-scale computation and simulation of earthquake hazards, structural and bridge health monitoring, and rehabilitation utilizing mathematical models in OpenSees and Matlab. I have also acquired expertise in coding and modelling structures, such as buildings, bridges, and rocket launchers, employing software like Matlab and OpenSees. As a member of your team, you can rely on my constant and clear communication, commitment to modern design practices, and quick turnaround times. I am excited to bring my skills and experience to contribute to advancing the field. Together, we can drive innovation and positively impact civil engineering.



Education

Master of Engineering - MEng, Mechanical Engineering Applied Design Payame Noor University

Master's Degree

Student 2024

Civil Earthquake Engineering Islamic Azad University of Tehran

PhD

Student November 2020

Civil Earthquake Engineering Science and Research Branch, Islamic Azad University

Master's Degree

Graduated October 2015

- GPA: 3.13/4
- Mentor: Dr. Alireza Gharighoran
- Thesis: linear and nonlinear analysis of seismic isolation hybrid systems to bridge with the bilinear models and compare

Civil Engineering, Islamic Azad University of Hormozgan

Bachelor's Degree

Graduated January 2010

Mathematics - Physics Shahed high school of Hormozgan

High School Diploma

Graduated July 2005



Employment History

Qeshm free Zone Employees

- Qeshm, Hormozgan Province
- May 2020 – Present
- *Position:* Designer and Calculator
- Design and Calculate of project

Individual

- Teaching software and lessen (Analysis of structure)
- Shiraz, Fars Province
- August 2015 – Present
- University and some Institute and also research for modeling and monitoring of Structures and Bridges with base isolation

Sharifsazan

- Civil Structural Design Supervisor
- Shiraz, Fars
- April 2020- February 2020
- Designer of Buildings, Bridges, Hangar industrial, and act.

Tose Sazandegi Sadad

- Civil Engineering
- Isfahan, Isfahan Province
- November 2015 – February 2016
- *Position:* Supervisor
- *Employers:* Isfahan Transportation
- *Job description:* Employ

Golden City Gheshm

- Civil Engineering
- Qeshm, Hormozgan Province
- April 2015 – August 2015
- *Position:* Supervisor
- *Employers:* Freedom situation Ghashm
- *Job description:* Designer of structures

Eskan and Amayesh

- Civil Engineering
- Bandar Abbas, Hormozgan Province
- August 2012 – March 2015
- *Position:* Supervisor
- *Employers:* Dr.Navid Karmostaji
- *Job description:* Designer of structures

Anbohsazane Farhangiyan

- Civil Engineering
- Bandar Abbas, Hormozgan Province
- October 2010 – October 2011
- *Position:* Supervisor
- *Employers:* Education & Training
- *Job description:* Supervisor, Designer of structures, Surveyor

Part Pars Gameron (PPG)

- Civil Engineering
- Bandar Abbas, Hormozgan Province
- August 2006 – August 2009
- *Position:* Supervisor
- *Employers:* Dr.Aliреза Mahdavi
- *Job description:* Architectural design, Supervisor, Designer of structures, Surveyor

Institute of Farhang Honar Negar Andish Amroz

- Teacher
- Shahin Shahr, Isfahan Province
- May 2005 – May 2009
- Civil Engineering computing software training included: Etabs-Sap-Excel

Tehran Institute of Technology

- Teacher
- Tehran, Tehran Province
- October 2015 – October 2016
- Civil Engineering computing software training included: Etabs-Sap-Analysis of Structures -Strength of Materials



Selected Presentations

November 2013: Poster presentation

- International conference on civil Engineering Architecture & urban Sustainable, Tabriz, Iran
- Introduction system base isolation and effect ingredient in system

February 2014: Poster presentation

- 2National conference on New Material and Stricture Isfahan, Iran
- Investigation and modeling system base isolation in the steel structure

February 2014: Oral presentation

- 2international congress of recent Advances in Engineering-Islamic Azad University-khameinishahr Branch
- Effect of base isolation seismic in ingredient steel structure contrary earthquake force

September 2014: Oral presentation

- 4th International Conference on Bridges (4ICB2014), Tehran, IRAN
- Investigate the control vibration deck cable bridges using damper Expansion Joint bridge
- Assessment the nonlinear behavior of the cable bridge isolated under earthquake

December 2015: Oral presentation

- International Conference on Research in Science and Technology, Kualalumpur-Malaysia
- Equation of dynamic with using by two-degree freedom for simulation base isolation system in software Matlab/ COI CRSTCONF01_271

December 2015: Oral presentation

- 3.th International Congress on Civil Engineering, Architecture and Urban Development 29-31 December 2015, Shahid Beheshti University, Tehran, Iran
- Nonlinear Analysis deck bridge with using behavior nonlinear elastomeric bearing plasticity element for effect recording time history lomapreata/ COI: ICSAU03_0584

January 2016: Oral presentation

- 6th. International Centered Academic Communication-Brussels
- Nonlinear Analysis pipe bridge with using behavior nonlinear elastomeric bearing plasticity element for effect recording time history lomapreata/ COI: ICOAC01_486

February 2016: Oral presentation

- 2nd International Conference on Research in Engineering, Science and Technology, Dubai
- Nonlinear Analysis bridge by using combination Slider and Elastomeric seismic isolation system/ COI: RSTCONF02_197

February 2016: Oral presentation

- 2nd international Conference on New Research Achievements in Civil, Architectural & Urban Management, Tehran, Iran
- Nonlinear Analysis deck bridge by using Elastomeric Bearing Plasticity Element isolation system under the recording time history

February 2016: Oral presentation

- Second International Conference in New Research on Civil, Architectural & Urban management, Tehran, Iran
- Nonlinear time history analysis type of a Triple Friction Pendulum Element base isolation system (TFPB)/ COI: RCEAUD02_457

October 2020: Oral presentation

- 2nd. International Congress on Science, Engineering and Technology / TUM UNIVERSITY OF MUNICH ,19 October 19,2020
- Seismic performance Non-Linear response and ductility for passive vibration isolation systems



Professional Skills

- Model of structures and bridges with Base isolation and Damper and monitoring: Intermediate
- Model of structures and bridges in Etabs-Sap-OpenSees : Advanced
- Code with Matlab and OpenSees: Advanced
- Expert in architect software such as: AutoCad-Sketchup-HomePlan-3Dmax-PackOffice-photoshp: Ansys, CSI Bridge and Abaqus: Beginner
- analysis of acceleration with Siesmosignal and Excel: Advanced



Computer Skills

Software	Level	Type of Operational
Etabs	Advance	Modeling, Analysis, Design and Control of Structures
Sap	Advance	Modeling, Analysis, Design and Control of Structures
Safe	Advance	Modeling, Analysis, Design and Control of Structures
Matlab	Advance	Mathematic Code of Structures and solve numerical problems
OpenSees	Advance	Coding Mathematic Modeling, Analysis, Design and Control of Structures and Bridges
Hazard Risk Analysis	intermediate	Hazard Risk Analysis
Auto CAD	Advance	Sketch plan of Structures and Architect
Sketchup	Advance	3D plan of Architect
Seismosignal	Advance	Analysis of Earthquakes Wave and spectrum
CSI Bridge	introductory	Modeling, Analysis, Design and Control of Structures
Microsoft office	Advance	Word,Excel,powerpoint,MSP
Photoshap	Intermediate	Sheet of Planing
MSP	Advance	Failure Structures, Resources and Prices
Saze90	Advance	Modeling, Analysis, Design and Control of Structures
Tekla Structure	Advance	Modeling, Analysis, Design and Control of Structures
Python	Intermediate	Mathematic Code of Structures and solve numerical problems
Solidworks	Intermediate	3d Modeling of Machin Structures



Courses

- **August 2004:** ICDL
Organizer: Technical & Vocational Training Organization, Iran
- **September 2005:** Word
Organizer: Technical & Vocational Training Organization, Iran
- **September 2005:** Excel
Organizer: Technical & Vocational Training Organization, Iran
- **November 2005:** Power Point
Organizer: Technical & Vocational Training Organization, Iran
- **February 2007:** Chapter 19 National Building Regulations, Energy Saving
Organizer: Department of Housing and Urban Development, Building and Housing Research Center, Iran
- **November 2008:** The foundations of the carving and guards
Organizer: Ministry of Science, Research and Technology, Iran
- **February 2011:** KAB
Organizer: Technical & Vocational Training Organization, Iran
- **June 2011:** Welding Inspection
Organizer: Technical & Vocational Training Organization, Iran
- **September 2014:** Dynamic Analysis Methods and Regulation Principles of Seismic Analysis of Structures
Organizer: International Institute of Seismology and Earthquake Engineering, Iran
- **May 2015:** Design based on performance in high structures
Organizer: International Institute of Seismology and Earthquake Engineering, Iran
- **February 2016:** Academic Australia University
Organizer: International conference on Research in Engineering and Science, Dubai-UAE
- **February 2016:** Equal Assurance
Organizer: International conference on Research in Engineering and Science, Dubai-UAE

- **October 2017:** Competency Based Training (CBT)
Organizer: Technical & Vocational Training Organization, Iran
- **May 2019:** Workshop Industrial modeling in OpenSees
Organizer: Department Civil Engineering Shiraz University, Iran
- **May 2019:** Health, Safety and Environment (HSE)
Organizer: Quality Assessment Ltd (QAL) England, and Institute of Standards & Industrial Research of Iran (ISIRI)
- **August 2019:** Project Control by Using Microsoft Project Software (MSP)
Organizer: Quality Assessment Ltd (QAL), England
- **Jun 2020:** Modeling and Design of Structures by ETABS & Safe
Organizer: Ministry of Science, Research and Technology, Iran
- **May 2020:** An online non-credit course authorized, Mastering Statics
Organizer: The Hong Kong University of Science and Technology and offered through Courser
- **Oct 2021:** OpenSees (practical and modeling)
Organizer: Academic Center for Education, Culture & Research (ACECR)
- **Agu 2021:** Matlab
Organizer: SAME (Scientific Association of Mechanical Engineering)
- **Jul 2021:** Astrophysics
Organizer: Amirkabir University of Technology - Tehran Polytechnic
- **Jul 2021:** Cosmology
Organizer: Amirkabir University of Technology - Tehran Polytechnic
- **Feb 2022:** Course of MSP
Organizer: URS Co. (Training & ISO Certification Body)
- **Agu 2022:** James Webb Space Telescope
Organizer: Scientific Association Mechatronic of SBU
- **Agu 2022:** Aircraft Flight Simulation 6 Degree freedom
Organizer: Aerospace Engineering Academy
- **Mar 2023:** Basic Mathematics Training Course
Organizer: Mazandaran University Mathematical Scientific Association



Projects

- **Houses on the water:** Jun 2022 – Present

The Naz islands is a beautiful residence located in Qeshme island. This residence is not exactly located on a body of water instead it features an amazing infinity pool that makes up for it. This home was designed by Ali Aryanpour with the idea of making the skyline panoramic view of Naz islands its main attraction. The residence features glass windows that extend to every room of the residence, this was done in order to mesh the inside space with the outside in a perfect manner.

- **Design Aqua Park:** Jun 2021 - Present

Diamond Dargahan Water Park has a great variety of amusements and slides. Among the equipment of this water park, we can mention 60-meter, 90-meter, 100-meter slides, free fall, blue-black holes, and all kinds of exciting torsional slides. If you are looking to spend a good day in a great place with your family or friends in Dargahan on Qeshm island, we suggest the Diamond collection.

- **Design Passenger Terminal Bus:** Nov 2020 - Present

Located inside the terminal waiting room are amenities for passengers. These include cash registers, cash for the purchase of air and rail tickets, a currency exchange, a post office, an internet cafe, a restaurant, convenience stores, a changing area, a clinic, a pharmacy, luggage storage, and a small cinema. The structure of the terminal includes a fire station, a modern car washes for buses, and various services. Bus designs adorn a mini park, that also includes a fountain. Near the bus station is a Silk Road hotel with 50 rooms, an office building, technical units, stop building service and car. For increased security of passengers and their belongings, video surveillance, security, and baggage service are provided. A covered parking area near the bus station is 1,000 square metres.

- **Design Open Air Concert Hall:** Sep 2020 - Present

In the middle of the sea, the Dargahan is an idyllic place for all kinds of concert, where the greats of rock, pop and classical music perform in front of enthusiastic audiences. Many people consider it as one of the most beautiful open-air arenas of all. The shell-like stage and white tent roof nestle and south element between the sea. The design of the open-air auditorium is based on an amphitheater and can hold 20,000 concert-goers.

- **Design Recreational Pier:** May 2020 - Present

Design Recreational Pier in Dargahan which location in Qeshm island. I designed this project two years ago that includes 700 and 12 meters long and with respectively, one of the spectacular places that all tourists visit is Dargahan in Qeshm island Recreational Pier. See the sign of the grand, fun and entertainment, rent a glass-bottom boat and make one of the memorable trips to the island. Pedal boating, rowing boat, or water bike, fishing, experience living underwater. Some tourists seek more exciting experiences, such as jet skiing or fly boarding. In this case, you can walk on a recreational pier, or sit in a corner watching turtles, fish, or seabirds. Watching the sunrise or sunset next to the recreational pier of Dargahan is never forgotten. in to the pier, you can rent bicycles to cross the pier by bike. This route crosses the sea and is memorable at 1400 meters' length and width of 12 meters. in addition, the recreational pier has two part opening and closed ceiling. However, one part of the sea that approximately 200 meters.



Honors & Rewards

- **March 2024:** American Society of Civil Engineers
- **February 2016:** The best presentation award at “the 27th International Conference on research in Engineering, Science and Technology”, Dubai, United Arab Emirates
- **December 2015:** Receiving Equal Assurance Certificate of Attendance presented article in international conference on research in science and technology, 14 December 2015, Kualalumpur, Malaysia
- **July 2015:** Achieving the highest score in the master's thesis defense session
- **2014-2016:** Good student in course of analysis structures lessens (Rehabilitation seismic structure and Dynamic of structure) with sequence 15-17/20 GPA in Pre-university level and also I got it teacher helpful in university.
- **2008-2010:** Good student in course of analysis structures lessens (analysis structure and analysis concert structure) with 19.5/20 GPA in Pre-university level and also I got it teacher helpful in university and give fellowship too.



Member Ship

- Member of American Society of Civil Engineers
- Member, Iranian Association of Civil Engineering
- Member, Iranian Concrete Institute
- Member, Iranian Designer of structures
- Member, Iranian firefight honor
- Member. Iranian Association of scientist student Isfahan (Khorasgan) Branch, Islamic Azad University, Isfahan
- Member of Young Researchers and Elite Club



Languages

- English: Proficient
- Persian: Native
- French: Beginner



Hobbies & Interests

- **Sport:** Karate, Football, Volleyball...
- **Music:** Violin and Piano
- **Research:** Civil Engineering, Successful...



References

Alireza Gharighoran, Ph.D.

Department of Transportation Civil Engineering University of Isfahan, Iran

gharighoran@yahoo.com

Alireza Zareei, Ph.D.

Department of Civil Engineering Professor and Department Head Isfahan (Khorasgan) Branch, Islamic Azad University, Isfahan

a.r.zareei@khuisf.ac.ir - (989) 131-0045

Hossein Rahami Ph.D.

Associate Professor, School of Engineering Science, University of Tehran

hrahami@ut.ac.ir - (982) 161-1122