

Ali Sheikhpour Ghasseminia

Personal profile:

- Ali Sheikhpour Ghasseminia
- Birthday: 1983/July/08
- Marital status: Married
- Phone: +968 9234 0182 ([WhatsApp](#))
- Residency: Muscat, Oman
- Nationality: Iranian
- Email: ali.sheikhpour@gmail.com

Educational background:

- ~~Exited PhD~~ in Manufacturing Mechanics, [University of Tehran](#), 2009 - Exit: 2012
- M.A. in Industrial Design, University college of Fine Arts, University of Tehran. Thesis: Designing the body of fast rescue boat ([Official Link](#)) ([More details](#))
- BSc. in Mechanical Engineering, University of Tehran, 2011-2006
Thesis: Technical and ergonomic design of a Monocycle for daily transportation.

Brilliant Educational points:

- Ranked 211th among 400,000 participant, 2001.
- Ranked 7th in National Entrance Exam in Master of Art, 2006.
- Ranked 4th in National Design Olympiad, 2006. ([link](#))
- Ranked 5th in PhD. Entrance Exam for Mechanical engineering in University of Tehran, 2009.
- Ranked the top researcher student of 2009, University college of Fine Arts, University of Tehran.
- Ranked 1st in National high schools Programming contest, 2000.

Work experience:

- Mechanical Designer at Aphcarios Engineering Solutions, Muscat, Oman (2022-2023)
- Lecturer at 5 universities (2009 – 2022)

- University of Tehran
- Art University of Tehran
- Al-Zahra University
- Pars University
- Kish international University.
- I.T. administrator, [Zing application](#) (2015 - 2022).
- (2013-2015) Responsible for the workshop of modern production methods at University of Tehran
- Mechanical designer at "[Servo Hydraulic Pouya](#) (2012).
- Web developer at public relations - SATSA holding (2013).
- Installation and MEP supervisor in [Favaran \(Water Features\)](#) (2011).
- Administrator of [NewDesign.ir](#) (The largest Iranian Industrial designers Community) (2006 - now)
- Administrator of Fantastic Mechanisms at Telegram - [\(Link\)](#) (2018 - now)

Teaching Background:

- University of Tehran (2009 - 2016)
 - Design of Mechanisms, Hydraulics and Pneumatics, Mathematics, Strength of materials, Statics, Dynamics
- Kish International campus of University of Tehran (2009 - now)
 - Design of Mechanisms, Hydraulics and Pneumatics, Dynamics, Strength of materials, Lighting Design
- Pars University (2012)
 - Mathematics, Statics
- Art University of Tehran (2011 - 2014)
 - Design of Mechanisms, Hydraulics and Pneumatics, Applied Geometry
- Al-Zahra University (2013)
 - Design of Mechanisms
- Lego educational institute (2015)
 - Basic mechanisms
- Educational institutions for Master Entrance Exam (2007 - 2022)
 - [3d-Design academy](#), [Rasmeh](#), [Hoonar](#)

Implemented projects after graduation:

- Design of Automatic Awnings for SUV off-road cars (for Aphcarios engineering, Oman).
- Installation and MEP supervisor on [NABOVVAT SQ. interactive fountains](#).
- Manual modeling of SWATH (Small Water plane Area Twin Hull) boat.

- Design and engineering of a high-tech tester platform for helicopter hydraulic actuator.
- Programming of multiple websites.

Implemented projects during graduate studies:

- Ergonomics project: Categorization of ergonomic color palettes for websites.
- Bionic designing of a boat (a mini project before thesis)

Implemented projects during undergraduate studies:

- Computer aided simulation of parametrical linkage mechanisms.
- Computer aided simulation of stream in a canal.
- Computer aided simulation of air stream over an airfoil.
- Detailed design of portable drilling machine.
- Computer aided simulation of temperature distribution in a room.
- Detailed design of cooling room system.
- Founding the electronic database of Iranian metal industry for University of Tehran.

Presentations

- Theory of relativity, Theory of space-time (for students of art). (Listen in Farsi) (2015- [University of art](#))
- “Storm resistant boat designing based on the geometry and movement of water strider”, the second international conference of bionic engineering, [Jilin University](#), China (2008).

Programming and software:

- Android-JAVA, SQL, ASP, VbScript, JQuery, JavaScript, Html, CSS
- IIS, Windows server
- Top 4% programmers at stackoverflow.com ([Link](#))
- Expert in Windows server, IIS, Sql Server
- Microsoft office (Expert)
- Modeling software: Fusion 360, Rhinoceros, SolidWorks
- Graphic software: Photoshop
- Laser machining certification
- Sample websites from over 100 developed websites :
 - <https://www.newdesign.ir> (Iranian Industrial designers community)
 - <https://www.zingapp.ir> (International transportation application)

- <http://pu.ac.ir> (University of Pars)
- <http://www.mohamadrezayazdi.com> (Personal website for an artist)
- <https://www.sabzkoosh.com> (Agricultural Machine Producer)
- <https://www.talashsanat.com> (Piping, Fitting, Flush tanks)
- <http://www.mgd-electric.ir> (Electric parts company)

Languages:

- Farsi (native)
- English (IELTS 6.5 - 2009)
- Arabic:
 - Formal الفصحى Good.
 - Essential daily communications for non-formal.

Miscellaneous interests:

- Modern physics (Relativity, Quantum, Cosmology)
- Persian poetry ([My poems](#))
- Playing Piano and Nay
- Kong Fu – yellow belt

Other profiles:

- [linkedin.com](https://www.linkedin.com)
- [Stackoverflow.com](https://stackoverflow.com)
- <https://ali.sheikhpour.com/content/?id=3>