Curriculum Vitae

Personal Information

• Surname	Badrkhaniasl
• Name	Amin
• Date of birth	01 Feb 1992
• Place of birth	Mashhad, Iran
• Nationality	Iranian
• ID No.	0921688997
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Education and Training

• Date (from – to)	2011-2014
• Name and type of organization providing education and training	Islamic Azad University, Mashhad Branch, Iran
• Duration of the program of study	4 years
• Principal subjects/occupational skills covered	Civil Engineering
• Title of qualification awarded	Bachelor
• GPA	16.87 out of 20

Publications and Articles

Articles

•Published	1	The Calibration of AutoCAD Civil 3D software by 415 codes (Geometric design code for Iranian roads Istanbul University - Turkey, August 2016
•Published	2	Assessing the vulnerability of worn-out tissues against earthquakes: a case study of Seyedi Koy in Mashhad). First Conference on Geographical Sciences of Iran (University of Tehran), May 2013
• Published	3	Vulnerability of Seyedi Koy area of Mashhad. Gorgan National Conference on Civil Engineering, Architecture and Sustainable Urban Management (Organizer: Golestan National Standards Organization) May 2013.

Books:

	• Published		Book on Autodesk Civil 3D software training, May 2015

Work Experience

• Date (from – to)	June 2017 – Up to now
• Name of firm/organization	Sivan Shargh Consulting Engineering Company
• Designation	Traffic Expert
• Type of business or sector	Private company
• Type of employment	Full-time

• Date (from – to)	March 2017 – May 2017
• Name of firm/organization	National Productivity Organization of Iran, Urban Train Department
• Designation	Architectural expert
• Type of business or sector	Private company
• Type of employment	Project base

• Date (from – to)	May 2015 – October 2015
• Name of firm/organization	Sivan Shargh Consulting Engineering Company
• Designation	Traffic Expert
• Type of business or sector	Private company
• Type of employment	Full-time

Projects

Design and determine the optimal pattern of non-level intersection	Determining the optimal pattern of Ayatollah Rafsanjani-Majidiyeh non-level intersection	2016- Autumn	Mashhad Municipality Transportation and Traffic Organization
	Determining the superior pattern of Misagh-Azadi non-level intersection	2016- Winter	
	Reorganize the end of Vakilabad Boulevard	2020- Winter	Mashhad Municipality's Deputy for Civil Engineering, Transportation and Traffic
	Determining the best model of non-level intersection of Mashhad - Shandiz - Torqabeh	2019 - Spring	
	Non-level U-turn design of Shahid Bronsi Boulevard in Mashhad	2020- Spring	
	Investigating the optimal pattern of Sajjad-Khayyam non-level intersection	2018 -Spring	Setare Tabnak Hashtom Tous Co.
	Determining the best model of non-level access to Mashhad Mall project	2018- Autumn	

Examine the sidewalks with a pedestrian approach	Investigating Moallem Street (Mashhad city) with a pedestrian approach	2018 – Autumn	Mashhad Municipality Transportation and Traffic Organization
	Investigating Rahnamaie Street (Mashhad city) with a pedestrian approach	2018 - Summer	Naghshe Avgoun Consulting Engineers
Design bicycle route	Designing the bike path of Amirieh Boulevard in Mashhad (distance between Amirieh 31 - Mahdieh Boulevard)	2017 - Summer	Mashhad Municipality Transportation and Traffic Organization
	Designing the bicycle route of Sajadieh-Jahedshahr boulevards of Mashhad	2017 – Autumn	
	Designing the route of Khaghani Boulevard in Mashhad	2019- Autumn	
Complications assessment studies	Mashhad Mall Project Traffic Evaluation Report	2018 Feb- Mar	Setare Tabnak Hashtom Tous co.
	Traffic report and ride access to Danesh va Salamat town (Mashhad city)	2019- Autumn	Mashhad University of Medical Sciences
	Traffic Effectiveness Studies of the Construction Complex of Reza Medical Center Residential Complex	2018 Apr- May	Reza Medical Center
	Study of Traffic Assessment "Lovely Mashhad" Exhibition	2017 May- Jun	Mashhad Municipality Transportation and Traffic Organization
	Study of traffic effectiveness survey of Jahedshahr fruit market	2017 Apr- May	
	Study of traffic effectiveness assessment of car wash construction with 1-4-12-12 modernization code	2017 Apr- May	Mashhad Municipality Transportation and Traffic Organization
	Study of traffic effectiveness assessment of construction of reception hall with 1-97-3-10 modernization code	2017 May- Jun	
	Study of traffic effectiveness measurement of fuel station construction with 11-6-72-12 modernization code	2018 Jan-Feb	
	Study of traffic effectiveness assessment of construction of fuel station located in Namaz Boulevard	2017 Nov-Dec	
	Study of traffic effectiveness measurement of construction of fuel station located in Namayeshgah boulevard	2018 Mar- Apr	
	Study of traffic effectiveness measurement of fuel station construction with 12-17-5-1 modernization code	2018 Mar- Apr	
	Study of traffic effectiveness assessment of construction of reception hall with 1-7-4-12 modernization code	2018 Jan-Feb	
	Study of traffic effectiveness measurement of construction of fuel station with 12-2-99-1 modernization code	2017 Sep- Oct	

Geometric design and correction of level intersections	Geometric correction, traffic calming and safety of Valiasr Square pedestrian crossing (Mashhad city)	2018 Mar- Apr	Mashhad Municipality Transportation and Traffic Organization
	Geometric modification of Pahlavan Vafadar Square (Hashemieh First Square)	2018 Winter	
	Design Blvd. hashemiyeh - saremi (former Shohadaye Ghavvas Square)	2018 Autumn	
	Geometric modification of Daneshjoo-Farhang Square	2018 Spring	
	Geometric design and correction of Emamat- Amoozegar intersection	2019 Autumn	
	Falahi – Ostad Yousefi Boulevard intersection safety plan	2016 Summer	
Traffic design and organization of roads	Geometric and traffic design along Shahid Keshvari Boulevard in Mashhad	2019 Autumn	Mashhad Municipality Transportation and Traffic Organization
	Designing the geometric plan of the entrance and exit of Danesh Park (Imam Ali Highway, Mashhad)	2016 Summer	
	Organizing Imam Reza Boulevard	2017 Dec- Jan	Torghabeh Municipality Transportation and Traffic Organization
	Studies of the second phase of improving and securing the entrance points of Quchan city	2015 Apr-May	Quchan Municipality
	Improvement studies and organizing the entrance of Malek Abad city	2015 Jun-July	Malek Abad Municipality
	Studies on organizing the city of Rudab	2015 Jan-Feb	Rudab Municipality
	Design of Sarakhs city customs boulevard	2015 Autumn	Sarakhs Municipality
Design and location of police signs and route guidance	Iqbal Lahori Institute of Higher Education Sign	2017 Nov- Dec	Mashhad Municipality Transportation and Traffic Organization
	Design and location of direction signs of Sajjad University of Technology	2017 Summer	
	Design and location of direction signs of Danesh Park	2018 Summer	
	Location and design of road signs for the General Department of Citizens and Foreign Immigrants of Mashhad	2017 Summer	

Design and location of police signs and route guidance	Designing a geometric plan and painting of Danesh And Salamat Town	2017 Summer	Mashhad Municipality Transportation and Traffic Organization
	Design and organization of road signs for 9-10-11 and 12 districts of Mashhad	2016 Autumn	
Investigating, locating and securing pedestrian crossings	Investigating the crosswalks of Jalal Al Ahmad Boulevard (Mashhad city)	2019 Winter	Mashhad Municipality Transportation and Traffic Organization
	Investigating the crosswalks of Seyed Razi Boulevard (Mashhad city)	2019 Winter	
	Securing the crosswalk of Imamat Boulevard (between Vakilabad Boulevard and Moallem Boulevard)	2018 Autumn	
	Securing the crosswalk of South Adib Boulevard	2018 Autumn	
Study and collect surface water	Design of surface water collection plan of Ayatollah Rafsanjani-Majidiyeh non-level intersection	2019 Autumn	Mashhad Municipality's Deputy for Civil Engineering, Transportation and Traffic
	Study and collection of surface waters of Emamat-Amoozgar intersection	2019 Autumn	
	Study and collection of surface water and design of non-level reservoir of Azadi Highway (Janbaz Boulevard area)	2019 Winter	
	Study and collection of surface water and design of non-level rotary optical reversing reservoir of Brunsi Highway	2020 Spring	
	Study and collection of right-hand surface water on Vakilabad Boulevard to Shandiz Road (end area of Vakilabad Boulevard)	2020 Winter	
Traffic studies and providing traffic solutions	Investigating and presenting traffic solutions of Ferdowsi University of Mashhad	2018 Apr- May	Mashhad Municipality Transportation and Traffic Organization
	Safety problems of Vakilabad boulevard kiosks	2018 Sep- Oct	
Traffic studies and providing traffic solutions	Financial, traffic and environmental estimates of the reversal of the eastern side of the Misagh-Azadi intersection (Mashhad city)	2018 Sep- Oct	Management of organizing Azadi Highway, Mashhad Municipality
Architectural design and modeling	Design and modeling of the canopy of Kowsar station of Mashhad city train (LRT)	2016 Oct- Nov	Mashhad Urban Railway Company operation
Drawing line design	Line drawing and securing Imam Reza boulevard	2020 May- Apr	Mashhad Municipality Transportation and Traffic Organization
	Mashhad Highway Line Design and Safety Plan (Vakilabad Highway, Azadi Highway and Misagh Highway)	2017 Summer	

Road safety and traffic calming	Traffic calm in Majidiyeh area 15	2017 Summer	Mashhad Municipality Transportation and Traffic Organization
	Traffic calm and safety of Amiriyeh 33	2017- Aumun	
	Investigating the calming of traffic on Bustan Street 29 and Jahed	2018 – Jan	
	Investigating and calming the traffic on Azadi Highway (Azadi Area 87)	2018 – Jan	
	Traffic inspection and calming of Amoozgar Boulevard (Amoozgar area 37)	2017- Feb/Mar	
	Geometric correction and traffic calming of Shahid Fallahi 1	2017 Mar- Apr	
	Securing the educational use area of Haftom Tir Street 23	2017 Oct-Nov	
	Geometric modification and safety of Goldis Boulevard	2017 Oct-Nov	
	Short-term safety plan for victory range 73	2017 Oct-Nov	
	Traffic calming of Honarsestan Boulevard - the distance between 19 and 21 Honarestan	2017 Jan- Mar	
	Securing School Areas on Dandanpezeshkan Boulevard (Dandanpezeshkan 14)	2018 Jan-Feb	
Review and feasibility of equipping intersections with lights	Intersection of Majidiyeh Boulevard - Mohammadieh Boulevard	2018 Autumn	Mashhad Municipality Transportation and Traffic Organization
	Intersection of Mohammadieh Boulevard - Aghdasiyeh Boulevard	2018 Autumn	
	Intersection of Mohammadieh Boulevard - Amirieh Boulevard	2018 Autumn	
	Sajjadieh Boulevard intersection - Rahmanieh Boulevard	2018 Autumn	
	Sajjadieh Boulevard intersection - Aghdasiyeh Boulevard	2018 Autumn	
	Intersection of Amirieh Boulevard - Sajadieh Boulevard	2018 Autumn	
	Intersection of Majidiyeh Boulevard - Sadeghieh Boulevard	2018 Autumn	
	Intersection of Sadeghieh Boulevard - Aghdasiyeh Boulevard	2018 Autumn	
	Intersection of Sadeghieh Boulevard - Amirieh Boulevard	2018 Autumn	
	Intersection of Majidiyeh Boulevard Sajadieh Boulevard	2018 Autumn	

Review and feasibility of equipping intersections with lights	Shariati-Shariati Boulevard intersection 59	2018 Autumn	Mashhad Municipality Transportation and Traffic Organization
	Shahid Ghaneh Boulevard - Amoozgar Boulevard	2019 Autumn	
	Sayad Shirazi Boulevard - Niloufar (Sayad Shirazi 15)	2017 - Spring	
	Equipping Kowsar Square - Shahid Saremi	2018- May/Apr	
Design and locate bus and taxi station	Design and location of taxi station on Shahid Ghaneh Boulevard (prison area)	2017 Oct- Nov	Mashhad Municipality Transportation and Traffic Organization
	Design and locate Andisheh Boulevard bus station (Andisheh area 69 and 71)	2018 – Dec/Jan	
	Design and locate Shahid Ghanbari Boulevard wireless taxi station	2018 – Feb/Mar	
	Locate of Taxi Square, Hasht Sad Square	2016 – Mar/Apr	
Traffic simulation (Aimsun software)	Traffic simulation of Mashhad Mall project	2018 - Autumn	Setare Tabnak Hashtom Tous co.
	Azadi U-turn (East U-turn-Azadi U-turn)	2018 – Sep/Oct	Management of organizing Azadi Highway, Mashhad Municipality
	Traffic simulation of Adalatian Hotel	2016 – Jan/Feb	Mr. Adalatian
Graphic simulation (Lumion software, Sketchup, 3Dsmax, Vray)	Non-level rotational graphical simulation of Shahid Brunesi Boulevard	2020 – May/Jun	Mashhad Municipality's Deputy for Civil Engineering, Transportation and Traffic
	Graphic simulation of non-level intersection of Majidiyeh Square	2020 – Mar/Apr	
	Graphic simulation of organizing the end of Vakilabad Boulevard	2019 – Dec/Jan	
Structural design (software Etabs, Safe, Tekla)	Samen Power Post Building Design	2018 - Winter	Khorasan Razavi Gas Company
	Design of operational area of area 6	2019 - Summer	
	Akhlamd building design	2019 - Autumn	
Other	Design of entry and exit of 151 Mashhad fuel stations	2017 May/Jun	Mashhad Municipality Transportation and Traffic Organization
	Design of entry and exit of 157 fuel station in Mashhad	2017 May/Jun	
	Temporary plan and location of Misagh station	2018 July- Aug	
	Temporary design and location of Rah-e Toosheh fruit market (Azadi range 135)	2016 Apr-Jun	

Teaching Experience

• University	Holding Civil 3D, rail, traffic and transportation training classes at Islamic Azad University of Mashhad

• Company	Teaching ArcGIS software in Raya Niroo Payesh Kohan Parsian company

• Institution	Holding Teaching ArcGIS software by Hafez Professional Technical Institute

Personal Skills and Competences

Acquired in the course of life and career but not necessarily evidenced by formal certificates and diplomas.

• Mother tongue	Farsi

Other language(s)

English	
• Reading	Excellent
• Writing	Good
• Speaking	Good
• Listening	Good

• Social skills and competences	Excellent team Player, great inter-personal skills, quick to learn

• Organizational skills and competences	Good at coordinating and scheduling in order to meet the deadlines

• Technical skills and competences	-Teaching skills -Expert in strategic planning and strategy formulation for organizations -Good at documentation. -Decent technical background

• Computer software skills and competences	Office, Autodesk Civil 3D, Autodesk AutoCAD, Autodesk Infrawork, Lumion , Tekla structure, Sketchup , Python , Microsoft VB6 , SWMM , Safe , Etabs , Aimsun , Vissim ,ArcGIS , MSP , 3DsMax , Vray ,Adobe Photoshop , Adobe Animation , Adobe After Effect