C u r r i c u l u m Vi t a e

Personal Information

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| --- | --- | --- |
| * Surname
 |  | Badrkhaniasl |
| * Name
 |  | Amin |
| * Date of birth
 |  | 01 Feb 1992 |
| * Place of birth
 |  | Mashhad, Iran |
| * Nationality
 |  | Iranian |
| * ID No.
 |  | 0921688997 |
| * Passport No.
 |  | - |
| * Address
 |  | Unit 2, No 46, Eghbal Lahouri St, Vakil Abad BLVD, Mashhad, Iran |
| * Mobile No.
 |  | +98 9220504694 |
| * E-mail
 |  |  aminbadrkhaniasl@gmail.com |

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

|  |  |  |
| --- | --- | --- |
| * 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. |

 Articles

Books:

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| --- | --- | --- |
| * Published
 |  | Book on Autodesk Civil software training (3d 2015), May 2015  |

Work Experience

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| --- | --- | --- |
| * 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 |

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| --- | --- | --- |
| * 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 |

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| * 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

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| 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 |

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| 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 | 2018Feb- 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 | 2018Apr- May | Reza Medical Center |
| Study of Traffic Assessment "Lovely Mashhad" Exhibition | 2017May- Jun | Mashhad Municipality Transportation and Traffic Organization |
| Study of traffic effectiveness survey of Jahedshahr fruit market | 2017Apr- May |
| Study of traffic effectiveness assessment of car wash construction with 12-12-4-1 modernization code | 2017Apr- May | Mashhad Municipality Transportation and Traffic Organization |
| Study of traffic effectiveness assessment of construction of reception hall with 10-3-97-1 modernization code | 2017May- Jun |
| Study of traffic effectiveness measurement of fuel station construction with 12-72-6-11 modernization code | 2018Jan-Feb |
| Study of traffic effectiveness assessment of construction of fuel station located in Namaz Boulevard | 2017Nov-Dec |
| Study of traffic effectiveness measurement of construction of fuel station located in Namayeshgah boulevard | 2018Mar- Apr |
| Study of traffic effectiveness measurement of fuel station construction with 1-5-17-12 modernization code | 2018Mar- Apr |
| Study of traffic effectiveness assessment of construction of reception hall with 12-4-7-1 modernization code | 2018Jan-Feb |
| Study of traffic effectiveness measurement of construction of fuel station with 1-99-2-12 modernization code | 2017Sep- Oct |

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| Geometric design and correction of level intersections | Geometric correction, traffic calming and safety of Valiasr Square pedestrian crossing (Mashhad city) | 2018Mar- Apr | Mashhad Municipality Transportation and Traffic Organization |
| Geometric modification of Pahlavan Vafadar Square (Hashemieh First Square) | 2018Winter |
| Design Blvd. hashemiyeh - saremi (former Shohadaye Ghavvas Square) | 2018Autumn |
| Geometric modification of Daneshjoo- Farhang Square | 2018Spring |
| Geometric design and correction of Emamat- Amoozegar intersection | 2019Autumn |
| Falahi – Ostad Yousefi Boulevard intersection safety plan | 2016Summer |
| Traffic design and organization of roads | Geometric and traffic design along Shahid Keshvari Boulevard in Mashhad | 2019Autumn | Mashhad Municipality Transportation and Traffic Organization |
| Designing the geometric plan of the entrance and exit of Danesh Park (Imam Ali Highway, Mashhad) | 2016Summer |
| Organizing Imam Reza Boulevard | 2017Dec- Jan | Torghabeh Municipality Transportation and Traffic Organization |
| Studies of the second phase of improving and securing the entrance points of Quchan city | 2015Apr-May | Quchan Municipality |
| Improvement studies and organizing the entrance of Malek Abad city | 2015Jun-July | Malek AbadMunicipality |
| Studies on organizing the city of Rudab | 2015Jan-Feb | Rudab Municipality |
| Design of Sarakhs city customs boulevard | 2015Autumn | Sarakhs Municipality |
| Design and location of police signs and route guidanceDesign and location of police signs and route guidance | Iqbal Lahori Institute of Higher Education Sign | 2017Nov- Dec | Mashhad Municipality Transportation and Traffic OrganizationMashhad Municipality Transportation and Traffic Organization |
| Design and location of direction signs of Sajjad University of Technology | 2017Summer |
| Design and location of direction signs of Danesh Park | 2018Summer |
| Location and design of road signs for the General Department of Citizens and Foreign Immigrants of Mashhad | 2017 Summer |
| Designing a geometric plan and painting of Danesh And Salamat Town | 2017Summer |
| Design and organization of road signs for 9-10-11 and 12 districts of Mashhad | 2016Autumn |
| Investigating, locating and securing pedestrian crossings | Investigating the crosswalks of Jalal Al Ahmad Boulevard (Mashhad city) | 2019Winter | Mashhad Municipality Transportation and Traffic Organization |
| Investigating the crosswalks of Seyed Razi Boulevard (Mashhad city) | 2019Winter |
| Securing the crosswalk of Imamat Boulevard (between Vakilabad Boulevard and Moallem Boulevard) | 2018Autumn |
| Securing the crosswalk of South Adib Boulevard | 2018Autumn |
| Study and collect surface water | Design of surface water collection plan of Ayatollah Rafsanjani-Majidiyeh non-level intersection | 2019Autumn | Mashhad Municipality's Deputy for Civil Engineering, Transportation and Traffic |
| Study and collection of surface waters of Emamat-Amoozgar intersection | 2019Autumn |
| 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 | 2020Spring |
| Study and collection of right-hand surface water on Vakilabad Boulevard to Shandiz Road (end area of Vakilabad Boulevard) | 2020Winter |
| Traffic studies and providing traffic solutions | Investigating and presenting traffic solutions of Ferdowsi University of Mashhad | 2018Apr- May | Mashhad Municipality Transportation and Traffic Organization |
| Safety problems of Vakilabad boulevard kiosks | 2018Sep- 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) | 2018Sep- 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) | 2016Oct- Nov | Mashhad Urban Railway Company operation |
| Drawing line design | Line drawing and securing Imam Reza boulevard | 2020May- Apr | Mashhad Municipality Transportation and Traffic Organization |
| Mashhad Highway Line Design and Safety Plan (Vakilabad Highway, Azadi Highway and Misagh Highway) | 2017Summer |

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| Road safety and traffic calming | Traffic calm in Majidiyeh area 15 | 2017Summer | 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 | 2017Mar- apr |
| Securing the educational use area of Haftom Tir Street 23 | 2017Oct-Nov |
| Geometric modification and safety of Goldis Boulevard | 2017Oct-Nov |
| Short-term safety plan for victory range 73 | 2017Oct-Nov |
| Traffic calming of Honarsestan Boulevard - the distance between 19 and 21 Honarestan | 2017Jan- Mar |
| Securing School Areas on Dandanpezeshkan Boulevard (Dandanpezeshkan 14) | 2018Jan-Feb |
| Review and feasibility of equipping intersections with lights | Intersection of Majidiyeh Boulevard - Mohammadieh Boulevard | 2018Autumn | District 12 | Mashhad Municipality Transportation and Traffic Organization |
| Intersection of Mohammadieh Boulevard - Aghdasiyeh Boulevard | 2018Autumn |
| Intersection of Mohammadieh Boulevard - Amirieh Boulevard | 2018Autumn |
| Sajjadieh Boulevard intersection - Rahmanieh Boulevard | 2018Autumn |
| Sajjadieh Boulevard intersection - Aghdasiyeh Boulevard | 2018Autumn |
| Intersection of Amirieh Boulevard - Sajadieh Boulevard | 2018Autumn |
| Intersection of Majidiyeh Boulevard - Sadeghieh Boulevard | 2018Autumn |
| Intersection of Sadeghieh Boulevard - Aghdasiyeh Boulevard | 2018Autumn |
| Intersection of Sadeghieh Boulevard - Amirieh Boulevard | 2018Autumn |
| Intersection of Majidiyeh Boulevard Sajadieh Boulevard | 2018Autumn |

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| Review and feasibility of equipping intersections with lights | Shariati-Shariati Boulevard intersection 59 | 2018Autumn | Dis 10 | Mashhad Municipality Transportation and Traffic Organization |
| Shahid Ghaneh Boulevard - Amoozgar Boulevard | 2019Autumn | Dis 11 |
| Sayad Shirazi Boulevard - Niloufar (Sayad Shirazi 15) | 2017 - Spring | Dis 9 |
| 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) | 2017Oct- 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 (softwareEtabs, 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

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

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| * Company
 |  | Teaching ArcGIS software in Raya Niroo Payesh Kohan Parsian company |

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| * Institution
 |  | H 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 |

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

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| * Organizational skills and

competences |  | Good at coordinating and scheduling in order to meet the deadlines |

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| * Technical skills and

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

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| * 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 |

References

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| --- | --- | --- |
| Reference 1 |  |  |
| * Name
 |  |  |
| * Academic position
 |  |  |
| * Department name
 |  |  |
| * University name
 |  |  |
| * University address
 |  |  |
| * Academic email
 |  |  |
| * Mobile
 |  |  |

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| --- | --- | --- |
| Reference 2 |  |  |
| * Name
 |  |  |
| * Academic position
 |  |  |
| * Department name
 |  |  |