

Zahra Bahrani Fard

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RESEARCH INTERESTS

- Transportation Planning
- Geographic Information System in Environmental Planning.
- Sustainable urban development
- Green Infrastructure

EDUCATION

Master of Science in Natural Resources and Environment Sep 2015 — April 2017

University of Michigan

Master of Science in Regional Planning Sep 2012 — Feb 2015

Shahid Beheshti University, Tehran, Iran

Total GPA: 3.51

Bachelor of Science in Urban Development Sep 2007 — July 2011

Shiraz University

Total GPA: 3.45 and in Core Courses: 3.88; with no dropped or failed course.

High School Diploma in Math & Physics 2003 — 2007

NODET (National Organization for Development of Exceptional Talents),

RESEARCHES

- ***“The Assessment of Spatial Justice Principles in Regional Development Planning and Proposing It’s Implementing Guidelines; Fars Province as a Case Study ”***, Thesis for Master of Science in Regional Planning, (2015) Adviser: Dr. Mozzafar Sarrafi
- ***“Using New Applications to Reduce Congestion on Urban Intersections Case Study: Tabriz, Iran”***, 2nd International of Urbanism and Spatial Mobility conference, Iran University of science and technology in contribution with Universite Francois – Rabelais of Paris. Tehran, Iran (2014)
- ***“Achieving the Right to the City through Community Asset Based Development, Case Study: Ekbatan Residential Complex, Tehran, Iran”***, Accepted for poster presentation on International Conference on Civil engineering, Architecture and Urban Sustainable Development, (2013).
- ***“Developing urban highways; solution or worsening the congestion”***, accepted in Rahvar Magazine, Spring 2013, 8(16):35- with Dr. A. Soltani. (2012)

- **"Restoration of urban deteriorated areas in approach of sustainable urbanism"**, Thesis for a Bachelor of Science in Urban Planning, Adviser: Dr. Mohammad Hosseinpour. (2011)
- **"Evaluating sustainable design prototypes in order to performing in urban brown filed areas"**, accepted for oral presentation on First National conference of sustainable urban development, Tehran University, Tehran, Iran. (2010)

WORK EXPERIENCE

Urban Sustainability Lab, University of Michigan

Sep 2015 — Dec 2015

Graduate Student Research Assistant

Activities:

- GIS Specialist working on Green Infrastructures Project in Detroit.

Amayesh - Mohit - Shahr consultant Engineers

2012 — 2012

Urban Planning Intern

Activities:

- Member of Comprehensive Plan planning team of cities Hendijan, Hoveyze & Gotvand.
- Revising documents for receiving ISO Standard

Pars Arayeh Consultant Engineers

Sep 2010 — Sep 2011

Urban planning and Design Intern

- Urban Design Fellow in " Regeneration of Sa'adi Neighborhood" Project.

TEACHING EXPERIENCE

- **Freelance Tutor (2012-2015)**

Course Title: Summery of Urban and Regional Planning Courses for Grad School Entrance Exam, Shiraz, Iran

- **Freelance Tutor (2012-2015)**

Course Title: Sketch and Presentation Methods for Grad School Entrance Exam, Shiraz, Iran

CERTIFICATIONS

- Certification for completion of " Integrated Urban Transport Planning" online course, World Bank, (2015)
- Certification for completion of " Sustainable Urban Land use Planning" online course, World Bank, (2015)
- Certification for "Advanced Urban GIS", 60-hours training program, Chakad Technology Development Group.(2014)
- Participation in 16-hours training program of the 1th International Conference on Civil engineering, Architecture and Urban Sustainable Development. (2013)

COMPUTER AND SOFTWARE SKILLS

- Planning: ESRI ArcGIS, Expert Choice, SPSS, Spectrum, AutoCAD
- Software: Windows, Microsoft Office, MS-Project

LANGUAGE PROFICIENCY

- Persian (Fluent), English (Fluent), Arabic (acquaintance)
- TOEFL 101/120
- GRE 312/340, Writing: 3.

HONORS

- Awarded \$3,000 SNRE Scholarship (2015)
- Honored of receiving \$10,000 Tuition Fellowship from SNRE (2015)
- Ranked 42ND among 2000 applicants for Urban and Regional Planning grad schools' entrance exam, 2012.
- Member of Scientific Council of Urbanism of Shiraz University, 2007-2008
- Honored admission to National Organization for Development of Exceptional Talents high school (NODET), 2000 and 2003.

ACTIVITIES

- 2014-Now Member of Fars *Construction Engineering Disciplinary Organization*.
- 2014- Participating in 2nd International of Urbanism and Spatial Mobility conference, Iran University of science and technology in contribution with Universite Francois – Rabelais of Paris, Tehran, Iran.
- 2013-Participating in *International Conference on Civil engineering, Architecture and Urban Sustainable Development, Tabriz, Iran*.
- 2011-Now, Member of *Imam A'li Charity Community, Shiraz, Iran*.
- 2010, participating in *First National conference of sustainable urban development, Tehran university, Tehran, Iran*
- 2010, participant in *National conference of Urban Revitalization and Rehabilitation, Shiraz, Iran*
- 2007-2008 – Member of *Scientific Council of Urbanism of Shiraz University, Shiraz, Iran*.

INTERESTS

Reading Books , Mountain Climbing, Hiking in Nature, Backpack Traveling, Swimming, Bicycle Riding, Playing Squash, Listening to Classic and POP Music, Watching Films.