



## **Ario Barzan Abbasi, MSc**

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Date of Birth: 12/12/1989

Curriculum Vitae: 09/20/2017

### **Academic Degrees**

- MSc, Construction Engineering and Management, School of Civil Engineering, University of Tehran, Iran, (2014 – 2017)
- BSc, Civil Engineering, School of Civil Engineering, University of Tehran, Iran, (2008-2013)
- Diploma, Physics and Mathematics, Allameh Helli High, National Organization for Development of Exceptional Talents (NODET), Tehran, Iran, (2004 - 2008)

### **Education**

➤ University of Tehran, School of Civil Engineering  
2014-2017 *M.Sc. in Civil Engineering, Construction Engineering and Management*

**Dissertation Title:** *“Presenting a Framework for Enhancing Airport Runway Construction Planning by Employing Simulation and Building Information Modeling”*

### **Highlighted Courses**

- Construction Methods
  - Contract Management and Provisions
  - Project Management Knowledge
  - Value Engineering
  - Project Planning and Controlling
  - Construction Equipment Management
  - Construction Modeling Methods
  - Construction Simulation
- Cumulative GPA: 18.45/ 20

### **Industrial Experience**

- Project Manager at TECNOSA R&D Center, Tehran, Iran, (2017 – Present)
- Technical Engineer at TECNOSA R&D Center, Tehran, Iran, (2016 – 2017)
- Internship, Ev-Yol Construction Company, Gelevard reservoir dam, Mazandaran, Iran (2013)
- Internship, Tehran Gorouh Construction Company, Museum Building of Iran Central Bank, Tehran, Iran (2012)

## **Academic Experience**

- Research Assistant, University of Tehran, Tehran, Iran (2015 - Present)
- Teacher Assistant, Construction Equipment course, University of Tehran, Tehran, Iran (2016)
- Teacher, Robotics Course, Allameh Helli High School, Tehran, Iran (2011-2012)

## **Community Involvements**

- Member of the Construction Energy Industry Research and Development Institute

## **Skills**

- Second language: English
- Project scheduling and controlling (software: Primavera P6, Microsoft Project)
- Simulation based applications (software: Symphony.NET, Arena, Anylogic)
- Programming languages (Assembly, QBasic, Visual Basic, C++, C#)
- BIM and modeling based applications (software: Navisworks, Revit, AutoCAD)
- Database building (software: Microsoft Access, SQL server)
- Familiar with PMBOK and project management knowledge areas
- Good presenter and have more than 30 speeches.

## **Honors and Awards**

- Ranked 3rd place among the Construction Engineering and Management students of the master's program at the department of civil engineering, University of Tehran, (2016)
- Ranked 37 at the governmental university entrance exam for master's program among more than 50,000 applicants of the civil engineering majors at Iranian governmental universities, (2014)
- Ranked 729 at the governmental university entrance exam among more than 450,000 applicants of the engineering majors at Iranian governmental universities, (2008)
- Competitor at RoboCup International robotic competitions, Junior Soccer Robots, Atlanta, USA, (2007)
- Ranked 2 at Iran-Open International robotic competitions, Junior Soccer Robots, Tehran, Iran, (2007)
- Ranked 1 at Iran-Open International robotic competitions, Path Finder Robots, Tehran, Iran (2006)
- Ranked under 100 at the National Organization for Development of Exceptional Talents (NODET) exam among more than 100,000 applicants and Educated at this organization for middle school and high school (2001- 2008)

## **Construction related Interests**

- Construction Planning and Controlling
- Building Information Modeling (BIM)
- Construction Simulation and Optimization
- Construction Management System (CMS)
- Integrated Resource Management Systems (RMS)
- Automation and Robotics in Construction
- Industrialization and Modular Construction
- Innovative Construction Methods
- Management Information Systems (MIS)