

Sepehr **Hasani**

Derakhshandeh

Education

- Master's Program, Construction Engineering & Management | School of Civil Engineering, College of Engineering, University of Tehran, Tehran. (2022 - 2025)
GPA: 18.54/ 20 [4/4]
- Bachelor of Science (B.Sc.), Civil Engineering | School of Civil Engineering, College of Engineering, University of Tehran, Tehran (2018-2022)
GPA: 17.22/ 20 [3.68/4] (Last two years: 18.17/20 [3.94/4])
- Diploma, Physics and Mathematics | Danesh Highschool, Tehran. (2014 - 2017)
GPA: 19.41/ 20
- Studied financial management at Vira financial institution (2019 - 2020)

Relevant Coursework (M.Sc.)

<i>Project Management Knowledge</i>	17.5/20
<i>Contract Management and Provisions</i>	16.5/20
<i>Construction Methods</i>	20/20
<i>Project Planning and Control</i>	18.5/20
<i>Safety and Health and Environment Management</i>	19.23/20
<i>Building Information Modeling Method</i>	18.31/20
<i>Management Information Systems</i>	20/20
<i>Advanced Engineering Economics</i>	18.5/20

Honors & Awards

- Ranked 12th among Civil students overall, University of Tehran.
- Achieved Straight Admission for M.Sc. in Construction Management at the University of Tehran (Brilliant Talents track, bypassing Master's Exam)
- Ranked in the top 0.6% among about 144,000 participants in the national university entrance exam for undergraduate program in 1397



Contact

- +98 (919) 071-9619
- s.derakhshandeh@ut.ac.ir
- sepehr_der@yahoo.com
- www.linkedin.com/in/sepehr-derakhshandeh

Research interests

- Automation in Design & Construction
- Management of Future Infrastructure
- Smart & High-Performance Buildings
- Construction Engineering and Management
- Smart City
- Future Concrete Structures
- (Generative design, additive construction, robotics, new materials)

Languages

- Persian: Native
- English: Almost fluent

(IELTS: L: 7.0 – R: 6.5 – W: 6.5 – S: 7.0)

Work Experience

- 2 Years

Professional Experience

Project Control Manager | Negaresh Paydar Idea – NGP (2024 – now)

Manage and control the firm's major projects using Microsoft Project.

- White House Hotel (Peterborough, ON): Planned schedule and budget for a 2,035 sqm renovation and new construction project.
- BlackOrchid Restaurant (Richmond Hill, ON): oversaw planning for a 400 sqm commercial setup.
- Pardis Technology Park (Phase 4): Monitored progress for a 17-hectare development project (Khatam University).
- Project Management: Led the end-to-end execution of a 300 sqm office renovation

Cost Estimation and Project Control Engineer | Farasakou Assaluyeh Co. (2024 Summer)

- Completed detailed cost estimation for tank construction; created a comprehensive reference database; and oversaw infrastructure (construction) projects. Developed cash flow management for projects and estimated and controlled outstanding contractor claims.

Supervising Engineer | Borjnamatadbir firm (2021 Summer)

- Attended site for brief period to understand the construction process of a typical building project and the procedures for concluding contracts and agreements.

Publications

- Conference Paper: "Development of an Optimization Model for Construction Workshop Material Layout in Civil Projects by Integrating Lean Construction Management and Artificial Intelligence." Accepted and Indexed for presentation at *The 10th Annual International Congress on Civil Engineering, Architecture and Urban Development*, (2024).
- Conference Paper: Hasani Derakhshandeh, S., et al. "Comparison Between Autoclaved Aerated Concrete Block and Sand-Cement Block and Evaluation of Their Impact in Terms of Time, Cost, Safety, Quality, and Sustainable Development Using Multi-Criteria Decision-Making." *Proceedings of the 14th National Congress on Civil Engineering* (2024).

Certificate

- Completed 1-year Master of Business Administration (MBA) Course, College of Management, University of Tehran (2024-2025)
- Mastering Microsoft Project 2019 course, Faradars (2025)

Technical Skills

- Computer aided design/engineering Programs: AutoCAD, PlanSwift 11, Civil3D, Etabs, Safe, MATLAB, Sap2000, GeoStudio, Plaxis, WaterGEMS, SewerGEMS, Lingo, Primavera p6
- Full proficiency of main office programs (MSP, Access, Excel, Word, PowerPoint, etc.)
- Competent in MATLAB programming language
- Familiar with Python & Visual Basic programming language

References

Dr. Seyyed Vahid Faghihi

Assistant Professor, School of Architecture Construction Science, Prairie View A&M University,
Texas, USA.

E-mail: vafaghihi@pvamu.edu

Ms. Samira Bargh

CEO, Negaresh Paydar Idea Company, Tehran, Iran

E-mail: ngp.general@gmail.com

Other references, further information, and proofs are available upon request.
