

# Fatemeh Zare Bidaki

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## EDUCATION

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**PhD, [Business Administration and Information Systems]** Expected: 2025  
**Koç University, Istanbul**

Research area: Humanitarian logistics, Mathematical modeling, Heuristics methods, Wildfire management  
Courses: Integer & Combinatorial Opt., Adv. Optimization Methods, Heuristic Methods, Dynamic Programming, Intro. To Machine Learning, Adv.Mod.Supply Chain Mgmt, Econometrics I, Stochastic Models&Applic.

**MBA, [Master of Business Administration]** 2015  
**Sharif University of Technology, Tehran**

General major: "Strategy-Marketing", (GPA: (4 (A+) 0-4 scale)

**BEng, [Industrial Engineering]** 2012  
**Sharif University of Technology, Tehran**

B.Sc. Thesis," Optimizing the Surgery Master Schedule, Sequencing and Resource Allocation in Afshar Heart Hospital", 2012, GPA: (4 (A) 0-4 scale)

## TEACHING EXPERIENCE

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**Teaching Assistant** Oct 2019 – Present  
**Koc University, Istanbul, Turkey**

Operations Management (Opsm901-Fall22 and Opsm501-Spring23)  
Production and Service Operation Management (Opsm301-Spring23)  
Introduction to Management Science (Qmbu310-Fall20-Fall21-Spring21-Fall22) (In Charge of Lab)  
Electronic Commerce Management (Mgis410-Spring20-Spring21-Spring22) (In Charge of Lab)  
Selected Topics in Management (Mgmt557-Sum22)  
Quantitative Methods In Business (Qmbu301-Fall19)  
Service Operations Management (Opsm302-Fall19)

**University Lecturer** Sep 2017 – Sep 2019  
**Yazd University, Yazd, Iran**

Procurement, warehousing, and distribution systems (Group I,II) (Fall 2019)  
E-Commerce (Fall 2019)  
Marketing and Market Management, (Spring 2018-Fall 2018)  
International Marketing, (Fall 2018)  
Ordering management and foreign Procurement (Fall 2018)  
Specialized English for management II (Spring 2018- Fall 2019)  
Specialized English for management I (Fall 2018)

**Teaching Assistant** Oct 2011 – Oct 2014  
**Sharif University of Technology**

Project management (Fall 2014)  
Production methods (Spring 2012)  
Computer skills in industrial engineering (Fall 2011-Spring 2011)  
Industrial project management (Fall 2011)

## PROFESSIONAL PAPERS DELIVERED

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**“Fairness In Relief Logistics for Mass Casualty Incidents”**, KU Healthcare Operations Workshop Program, Koc University, Jun 9th, 2023.

**“Firefighting Mission Acceptance and Scheduling Problem; Implementation of Ant Colony Optimization Variants”**, YA/EM Doktora Öğrencileri Kolokyumu, Istanbul, Nov 4th, 2021.

**“Blockchain technology applications: Effects on travel and tourism industry based on competitiveness index framework”**, 4th industrial management international conference, Yazd, Iran, Apr 10, 2019.

## MAJOR PROJECTS AND MAJOR RESEARCH

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**Coordination Of Corporate Social Responsibility Investments in A Two-Level Supply Chain With Power Asymmetry: A Game-Theoretic Approach**, Koc University, Jun 2021.

**Developing an Effective Management Control System for Sharif Incubator**, Sharif University of Technology, Dec 2014.

**Analyzing Marketing Channels for an Accounting Software Company, Hamkaran system Co**, Sharif University of Technology, Jun 2013.

**CRM and customer retention solutions for Talia; A mobile network operator**, Sharif University of Technology, Dec 2012.

## ACADEMIC EMPLOYMENT

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**Lecturer and Business Coach** Jan 2018 – Sep 2019  
**Business Elites Institute, Yazd, Iran**

Marketing/Digital Marketing course for executives and managers (Fall 2018)

Financial analysis with “Comfar” workshop (Fall 2018)

Neuro Marketing Application in Business Seminar, delivered at Yazd University (Fall 2018)

Services: Business consultations, International Business Development, Marketing, Branding, Import & Export.

**Researcher and Strategy Specialist** May 2013 – Sep 2013  
**Tadbir Va Tose'e Parnian, Yazd, Iran**

MENARID /UNDP project in Iran: Institutional Strengthening and Coherence for Integrated Natural Resource Management

(MENARID : Middle East and North Africa Regional Development for Integrated Sustainable Development)

(UNDP: United Nations Development Programme)

## WORK AND ORGANIZATIONAL EXPERIENCE

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**Managing Director of Operations, Business Elites group** Jul 2018 - Sep 2019  
**Yazd,Iran**

Experienced specialist offering business consultations and comprehensive professional courses.

**Export and International marketing manager, Parsis Holding** Jul 2017 – Jul 2018  
**Yazd,Iran**

Managed Export and sales, specializing in international marketing and negotiations with foreign ambassadors and chambers of commerce.

**International marketing and Export assistant, Sunan Malzemecilik** Jul 2016 – Jul 2018  
**Sakarya & Istanbul, Turkey/Tehran, Iran**

Led marketing strategy development and execution for the Iranian market in the Furniture Industry, while managing key accounts for raw materials, fittings, tools, and accessories customers.

**Business development manager, Bisaran Gasht Zhiwaar** May 2015 – Jun 2016  
**Tehran,Iran**

Head of inbound tourism division, Responsible for managing contracts, overseeing operations and expansion.

**Strategic planning and development expert, Golrang Holding, Padideh Paydar Co.** Jun 2014 – Jun 2015  
**Tehran,Iran**

Developed Business Plans, Market research projects, and financial analysis.

**Founder, Cheshmeh Honar Handicrafts Company** Jan 2012 – Jan 2019  
**Yazd,Iran**

## PROFESSIONAL MEMBERSHIPS

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The Operations Research Society Aug 2023 – Present  
Yazd Chamber of Commerce, Industries, Mines & Agriculture Sep 2016 – Sep 2019

## CONSULTANCY POSITIONS

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Yazd Chamber of Commerce, Advisor, Yazd, Iran  
Pishgaman Accelerator, Yazd Innovation Center, Yazd, Iran  
Consultant Of Industry Relations at Sharif University, Tehran, Iran

## SKILLS

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Mathematical Modeling, Simulation, System dynamics modeling, Machine learning models, Thematic analysis

Python (Pyomo), Netlogo, LaTeX, Vensim, Stella, R, SPSS, ATLAS, Primavera6, Microsoft project management (MSP), Arena, Expert choice, Rapid miner