

NARGES MOHAMMADI

Imperial College Business School | n.mohammadi19@imperial.ac.uk | <https://www.linkedin.com/in/narges-mohammadi-6383a9103/>

EDUCATION

Imperial College Business School Sep. 2020 – Sep. 2024
Ph.D. Candidate in Operations Management and Analytics
Supervisor: Dr. Reza Skandari

Imperial College Business School Sep. 2019- July 2020
Master in Research in Operations Management and Analytics
Supervisor: Dr. Reza Skandari
Thesis: "Optimal Hearing Loss Monitoring and Infection Treatment: The Case of Cystic Fibrosis Disease"
GPA: Distinction

Sharif University of Technology, Department of Industrial Engineering Sep. 2017- July 2019
Master of Science in Industrial Engineering
Supervisor: Prof. Mohammad Modarres
Thesis: "Optimization of Health Care Systems Projects using Real Options and Queuing Theory; Case Study Approach"
GPA: 18.98/20, Ranked Second in Industrial Engineering Department

Sharif University of Technology, Department of Industrial Engineering Sep. 2013- July 2017
Bachelor of Science in Industrial Engineering
Supervisor: Prof. Mohammad Modarres
Thesis: "Optimizing the Acceptance Rate of Hospital Emergency Department Using Data Analysis and Queuing Theory; Case Study Approach"
GPA: 18.31/20, Ranked First in Industrial Engineering Department

RESEARCH INTERETS

Topics: Health Operations Management and Analytics, Medical Decision Making, Decision Making under uncertainty
Methods: Dynamic Programming, Simulation, Data Analysis

WORKING PAPERS

"Efficient Discovery of Cost-effective Policies in Sequential, Medical Decision-Making Problems", Mohammadi N., Skandari MR., Shah A. Reject and Resubmit at Operations Research [\[Link\]](#)
Runner up Prize ICBS Operations & Analytics Best PhD Paper Award 2023

"Optimal post-treatment recurrence surveillance: the case of head and neck cancer", Mohammadi N., Zamani Foroushani N., Skandari MR.

HONORS AND AWARDS

Runner up Prize for ICBS Operations & Analytics Best PhD Paper Award	June 2023
Received President's Ph.D. Scholarship from Imperial College London	October 2020 – April 2024
Received Scholarship from Iran National Elite Foundation	Fall 2016 – Spring 2019
Received Straight M.Sc. Admission Offer from Sharif University	September 2017
Received the award of "The Best Graduated Industrial Engineering Student" Sharif University	May 2018

TEACHING EXPERIENCE**Imperial College Business School****Teaching Assistant – “Decision Analytics” – Dr. Reza Skandari**

Weekly practice sessions, grading assignments

Autumn 2020-Present**Teaching Assistant – “Project Management” – Dr. Reza Skandari**

Microsoft Project workshop, grading quizzes and final projects

Spring 2020-Summer 2023**Teaching Assistant – “Operations Management for GMBA” – Prof. Kalyan Talluri**

Grading the assignments

Spring 2021- Present**London Business School****Teaching Assistant – “Data Mining” – Prof. Nicos Savva**

Weekly practice sessions

Spring 2022**Teaching Assistant – “Advanced Business Analytics” – Prof. Nicos Savva**

Weekly practice sessions

Autumn 2022**Sharif University of Technology****Teaching Assistant – “Operations Research” – Prof. Mohammad Modarres**

Developing final projects, GAMS workshop session, grading projects

Fall 2016- Spring2019**Teaching Assistant – “Engineering Statistics”- Prof. Hashem Mahlooji**

Weekly practice sessions, developed quiz questions, grading quizzes

Spring 2017- Spring 2019**Teaching Assistant – “Supply Chain Management”- Prof. Mohammad Akbarijokar**

Grading quizzes, assignments and final project

Spring 2019**Teaching Assistant – “Quality Control”- Dr. Majid Rafiee**

Weekly practice sessions, grading quizzes and assignments

Spring 2016- Fall 2016**Teaching Assistant – “Computer Information Systems”- Dr. Samira Sadeghi**

Weekly practice sessions, grading quizzes, assignments and final project

Fall 2016- Spring 2017**Teaching Assistant – “Project Control”- Dr. Narges Shirvani**

Microsoft Project workshop, developing final project questions

Fall 2017**VOLUNETARY EXPERIENCES**

INFORMS Annual Meeting

October 2023**Session Chair for Session Titled “Medical Decision Making”**

INFORMS Annual Meeting

October 2021**Session Chair for Session Titled “Medical Decision Making”**

Scientific Associations, Sharif University, Department of Industrial Engineering

Member of Head Council**June 2018 – July 2019**

Student Union, Sharif University, Department of Industrial Engineering

Secretary**Fall 2015- Spring 2017**

Conference on Industrial Engineering, Sharif University of Technology

Secretary**Feb. 2018**

RESEARCH GROUP EXPERIENCES

Vaccine Student Research Network Manager

September 2023-Present**Imperial College London**

Member of Pandemic Preparedness Research Group

July 2023- Present

Supervisors: Prof. Marisa Miraldo, Prof. Katharina Hauck

Imperial College London**PRESENTATIONS****“Efficient Discovery of Cost-effective Policies in Sequential, Medical Decision-Making Problems”**

INFORMS Annual Meeting 2021- Online

October 2021

MSOM Conference 2022- Munich, Germany

June 2022

LondOps Seminar Series, London, UK

February 2023

ICBS Operations & Analytics Department Seminar- London, UK

April 202333rd POMS Annual Conference-Orlando, Florida**May 2023**

Imperial President Scholar Symposium, London, UK

June 2023

INFORMS HealthCare Conference-Toronto, Canada

July 2023

Invited Talk at Sharif University of Technology, Tehran, Iran

September 2023

INFORMS Annual Meeting 2023- Phoenix, Arizona

October 2023**“Optimal post-treatment recurrence surveillance: the case of head and neck cancer”**

Invited Talk at The University of Chicago Medical School – Chicago, Illinois

October 2023**COMPUTER SKILLS**

R Programming, Latex, GAMS, Tableau, Microsoft Project (MSP), Microsoft office (Word, PowerPoint, Visio, Excel)

LANGUAGES

Persian– Native

English– Fluent

HOBBIES

Playing Piano, Traditional Iranian Calligraphy, Watching Movies, Listening to Music