

MALEK EBADI

Industrial Engineer Ph.D.

Currently searching for a job

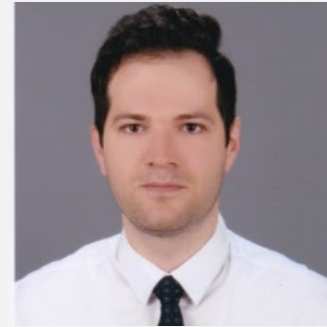
- Operations Research, Operations Management, Decision making under uncertainty
- My academic research primarily concerns healthcare decision making
- If you are interested in my background and skills, please feel free to contact me or visit my personal [website](#).

EDUCATION

- 2021 ● **Sabanci University**
Ph.D. in Industrial Engineering Istanbul, Turkey
Thesis: Personalized screening policies for cervical cancer prevention
- 2014 ● **Bilkent University**
M.Sc. in Industrial Engineering Ankara, Turkey
Thesis: Buyback and target rebate contracts when the manufacturer operates under carbon cap and trade mechanism
- 2010 ● **University of Tabriz**
B.Sc. in Civil Engineering Tabriz, Iran

PROFESSIONAL EXPERIENCE

- July 18 | Jan 21 ● **Research Collaborator, Business Analyst, Part-time**
BEYLER GROUP (Hospital & Health Care) Ankara, Turkey
• Drafting Projects. • Holding seminars, presenting project proposals
- 2018 ● **Intern**
BEYLER GROUP. Ankara, Turkey
• Analyzed data. • Conducted case studies to improve process efficiency.
• Wrote research and analysis reports.
- Sep. 14 | Feb. 15 ● **Business Analyst, Part-time**
SILA GROUP (Hospital & Health Care). Ankara, Turkey
• Drafting Projects. • Holding seminars, presenting project proposals
- Feb. 14 | July 14 ● **Intern**
SILA GROUP. Ankara, Turkey
• Analyzed data. • Conducted case studies to improve process efficiency.
• Wrote research and analysis reports.



CONTACT INFO

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For more information, please visit my personal website under

🌐 ebadi-malek.me

🐙 github.com/mebdix

in [linkedin.com/in/malekebadi/](https://www.linkedin.com/in/malekebadi/)

TECHNICAL SKILLS

Modeling and decision making in healthcare, Maintenance, crowdsourcing

Supply chain management, multiplayer decision making and contracting

Operations research, optimization, stochastic modeling, statistical analysis

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Last updated on 2022-09-08.

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TEACHING/RESEARCH EXPERIENCE

2015
|
2021

- **Teaching Assistant.**
Teaching assistant of different courses including stochastic processes, discrete event simulation, statistics, quality control at SU
Istanbul, Turkey



SELECTED PUBLICATIONS/TALKS

2021

- **Personalized Cotesting Policies for Cervical Cancer Screening: A POMDP Approach.**
Journal of Mathematics, Special Issue Markov-Chain Modelling and Applications, Mathematics 2021, 9(6), 679;
<https://doi.org/10.3390/math9060679>
Basel, Switzerland
M Ebadi, R Akhavan-Tabatabaei

2021

- **Analysis Of Overdiagnosis In Cervical Cancer Screening Using An Incidence Based Personalized POMDP Model.**
INFORMS, October 24-27, 2021.
Anaheim, CA, USA
M Ebadi, R Akhavan-Tabatabaei

2020

- **An Approximate Grid-based Solution Method for POMDPs: The case of personalized cervical cancer screening policies**
Institute of Applied Physical Sciences and Engineering, Duke Kunshan University, China, November 13, 2020
Jiangsu, China
M Ebadi, Esmā Gel, R Akhavan-Tabatabaei

2019

- **A Constrained POMDP Model for Optimized Allocation of Cervical Cancer Screening Resources**
8th Annual Koc University Healthcare Operations Workshop, June 28th, 2019
Ist, Turkey
M Ebadi, R Akhavan-Tabatabaei

2018

- **Optimal Cervical Cancer Screening Under Societal Perspective**
EURO, July 2018
Valencia, Spain
M Ebadi, Hans Frenk, R Akhavan-Tabatabaei

2017

- **Optimizing Cervical Cancer Screening Using A POMDP Model**
INFORMS, June 29, 2017
Amsterdam, Netherlands
M Ebadi, Hans Frenk, R Akhavan-Tabatabaei



GRANT AND AWARDS

2015

- **Full scholarship for Ph.D. studies**
Sabanci University
SU, Turkey

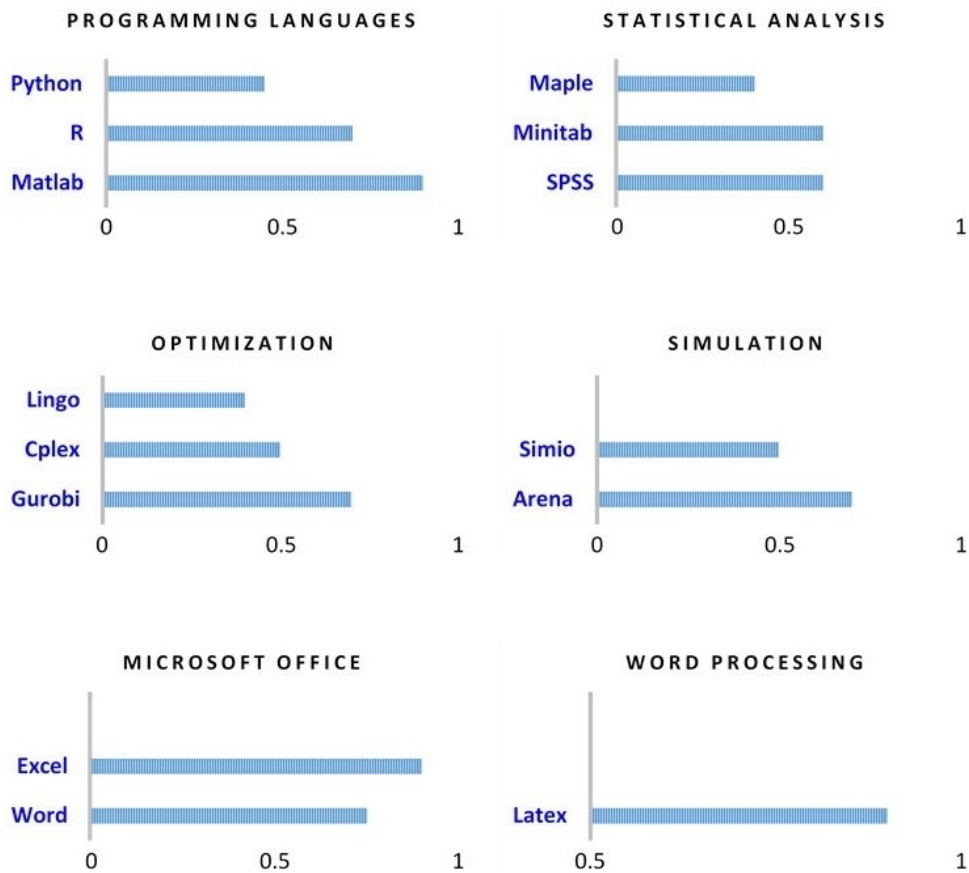
2014

- **DAAD scholarship**
Summer School
Berlin, Germany

2011

- **Full scholarship for M.Sc. studies**
Bilkent University
Ankara

</> PROGRAMMING AND SCRIPTING



📖 TRAINING AND COURSES

- 2021 ● **Data scientist professional certificate with R (ongoing)**
[Datacamp](#) Datacamp
- 2021 ● **Reinforcement Learning (ongoing)**
[Coursera](#) Coursera

📄 LANGUAGE

- **English**
Fluent (C1, TOEFL 110)
 - **German**
Intermediate (B2, GOETHE Zertifikat B2)
 - **Persian**
Fluent (C1)
 - **Turkish**
Fluent (C1)
 - **French**
Basic (A2)
 - **Azerbaijani**
Native
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