Navid Mohseni
Statistician

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Milwaukee, WI, United States

EDUCATION

Doctor of Philosophy (Ph.D.) in Computational Mathematical and Statistical Sciences
Marquette University | Jan. 2023 – Present

- Assisted in course instruction, supported the professor in delivering lectures, leading discussions, and explaining complex mathematical and statistical concepts to undergraduate students.

- Conducted tutorials and review sessions, organized and conducted regular tutorial sessions to provide additional help and clarify challenging topics. Developed lesson plans, worksheets, and practice problems to enhance student understanding.

- Graded assignments and exams, assessed and provided constructive feedback on student assignments, including homework, quizzes, and exams. Held office hours, offered one-on-one or group consultations to address student questions, provide guidance on problem-solving strategies, and assist with course material comprehension.

Master of Science in Biostatistics
Shahid Beheshti University of Medical Sciences | Sept. 2017 – Sept. 2020

- Thesis title: A cure rate survival model with hyper-Poisson frailty distribution for relapsed or refractory Hodgkin lymphoma patients after stem cell transplantation.

Bachelor of Science in Statistics
Shahid Beheshti University | Sept. 2011 – Sept. 2016

WORK EXPERIENCE

Statistician
Freelance | Mar. 2022 – Dec. 2022

- I work with clients by taking data, cleaning data sets, interpreting it, creating dashboards for critical KPIs, and turning data into content for reports or creative visualizations.

- Teaching and tutoring data science and statistics topics. Also, it covers mentoring and supervising projects.

Co-Founder of Maya-Stat
Maya-Stat | Jun. 2021 – Mar. 2022

- Applied advanced analytics and statistics to analyze and prioritize the activities that add value to businesses.

- Trying to overcome a range of challenges, such as optimizing marketing spend, forecasting demand, boosting customer retention, maximizing customer lifetime value, increasing operational efficiency, and saving costs.

- Predictive analysis and associated processes, including pre-processing and cleaning data, exploratory data analysis, model training, testing, and evaluation.

Data Analyst
Freelance | Mar. 2019 – May. 2021

- Adopted descriptive and inferential statistical techniques. Explained technical material to a non-technical audience.

- Analyzed data sets from clients to create clear and compelling reports, and visualizations.

- Communicated and shared the results of the analyses for better decision-making.

PROGRAMMING SKILLS

(Certifications are on my website)

Advanced

- R
- Tableau

Familiar with

- SQL
- Python
- SPSS
- Google Analytics

HONORS & AWARDS

- Ranked 10th of Nationwide Master Entrance exam in Biostatistics out of 2000 participant - August 2017

- Ranked in top 0.5% among more than 250,000 participants in Nationwide entrance exam for an undergraduate degree – 2011

- Second place in Photography awards competition of Shahid Beheshti University – May 2012

- Discussion director of the student book club, white crow – 2013

- Assistant Editor of the Journal of Statistics for the Department of Statistics – 2013

- Champion of Futsal competition (mathematics and statistics department's team) of Shahid Beheshti University – 2014

Data Analyst
TezolMarket | May 2017 - Mar. 2019

- *Generated statistical reports to support business strategy, and visualized the results for better decision making. Implemented machine learning algorithms (Classification of stores).*

- *Data cleaning and manipulation, converting analytic thinking into action, and communicating for data-driven change.*

Statistician and R&D
Rahkar-Andishan | Oct. 2016 - May 2017

- *Worked in R&D, advertising strategies, and analyzed the business development.*

- *Analyzed and enhanced the performance and reliability of our web services by analyzing the data.*

Statistician Intern
Shahab-Yab | Jun. 2016 – Sept. 2016

- *Monthly statistical reports and analyzing business development.*

CONDUCTING WORKSHOPS AND TEACHING

Shahid Beheshti University of Medical Sciences

- Workshop: Data Visualization with ggplot2 in R (Online) — Sept. 2020

- Workshop: Data Transformation with dplyr in R (Online) — May 2020

- Workshop: SQL fundamentals — Apr. 2020

- Workshop: Intermediate R — Nov. 2018

- Workshop: Fundamentals of R — Oct. 2018

- Teaching Assistant of Statistical Methods III course
  Under the supervision of Dr. Zayeri — Fall 2019

- Teaching Assistant of Biostatistics (for epidemiology students) course
  Under the supervision of Dr. Khodakarim — Fall 2018

- Teaching Assistant of Probability I course
  Under the supervision of Dr. Faghihi — Fall 2015

PUBLICATIONS

Journal Articles

- *A cure rate survival model after stem cell transplantation for relapsed or refractory Hodgkin lymphoma patients.* **Mohseni N**, Khadem Maboudi A, Baghestani A, Saeedi A. *Middle east journal of cancer. DOI: 10.30476/MEJC.2021.88135.1461*

- *A cure rate model with discrete frailty on Hodgkin lymphoma patients after diagnosis.* **Mohseni N**, Khadem Maboudi A, Baghestani A, Saeedi A. Mohseni N, Khadem Maboudi A, Baghestani A, Saeedi A. *Archives of Advances in Biosciences. DOI: 10.22037/aab.v11i4.32576*

- *The Optimal Cut-off Score of the Nijmegen Questionnaire for Diagnosing Hyperventilation Syndrome Using a Bayesian Model in the Absence of a Gold Standard.* Azizmohommad Looha M, Masaebi F, **Mohseni N**, Abedi M, Fakharian F. *Galen Medical Journal. DOI: 10.31661/gmj.v9i0.1738*

- *The Predictive Value of Serum Cytokines for Distinguishing Celiac Disease from Non-Celiac Gluten Sensitivity and Healthy Subjects.* Masaebi F, Azizmohmmad Looha M, Rostami-nejad M, Pourhoseingholi M, **Mohseni N**, Samasca G, Lupan I, Rezaie M, Zali M. *Iranian Biomedical Journal. DOI: 10.29252/ibj.24.6.335*

- *The prediction of Mortality Incidence in Patients with CKD based on influential prognostic Factors with Competing Risks Approach.* Saeedi A, Baghestani A, Hashemi S, Maboudi A, Minoo F, **Mohseni N**, Esfahani Z. *Galen Medical Journal. DOI: 10.31661/gmj.v9i0.1798*

- *Assessing the diagnostic power of Cystatin C and Creatinine in the detection of chronic kidney disease.* Masaebi F, Azizmohmmad Looha M, Mohseni N, Nasiri M, Kazerouni F, Zayeri F. DOI: 10.22037/aab.v10i3.25589.

LANGUAGES

Persian: Native

English: TOEFL iBT: 101

Dutch: Beginner

ACADEMIC REFEREES

Dr. Khadem Maboudi

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Dr. Baghestani

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Dr. Alavi Majd

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