Soheil (Sol) Sadeghi

CONTACT INFORMATION	Old Redmond Way Redmond, WA 98052	Email: soheil.sadeghy@gmail.com Linkedin: linkedin.com/in/solsadeghi

IMPACT

Microsoft Experimentation Platform:
Led the collaborative technical development of a machine learning tool adopted by Microsoft's largest centralized experimentation platform, Microsoft Experimentation Platform, providing solutions to 7+ products including Bing, Cortana, Microsoft News, Office, Skype, Windows, and Xbox, running 1000+ experiments with 100+ metrics each month, helping them estimate the long-term causal effect of online A/B testings at scale.

Windows Engineering Systems:
Led the statistical development of the power metric for measuring the efficiency of Windows engineering systems, ultimately adopted by the engineering teams to understand and improve the productivity of code development, leading to flatter branch structures by up to 50%.

Leadership:
Technical lead for 10+ cross-sectional projects with 8 product teams at Microsoft.
Directly managed 1 data scientist, and indirectly managed 1 intern and 2 data scientists for ultimate delivery of their projects and success at Microsoft.
Executive Manager of a quarterly published magazine at Sharif University of Technology for 1 year.
7 years of teaching experience to 800+ undergraduate and graduate students that helped them succeed in their education and career development - 4.7/5.0 with 90+ reviews on ratemyprofessors.com.

Research:
Published author in a top tier statistical journal (Technometrics), Microsoft's internal journal on applied research (MSJAR), and a top tier industrial engineering journal (JISE).
1 ongoing patent submission at Microsoft.
Invited speaker at 10+ international conferences and universities.

SKILLS

Programming: Python, R, SQL

Statistics & ML: High Dimensional Statistics, Multivariate Analysis, Probability Models, Variable Selection, Markov Chain Monte Carlo, Dimension Reduction, Clustering, Predictive Modeling, Design of Experiments, Causal Inference, Time Series Analysis, Dynamic Linear Models, Ranking Algorithms

PROFESSIONAL EXPERIENCE

Netflix, Senior Data Scientist	2022–current
Microsoft, Data Scientist	2017–2022
Microsoft, Data Scientist Intern	2016
Walmartlabs, Data Scientist Intern	2015

EDUCATION

University of Wisconsin-Madison, PhD in Statistics with a minor in Computer Science	2013–2017
University of Florida, MS in Statistics	2011–2013
Sharif University of Technology, BS in Industrial Engineering	2007–2011

SELECTED TALKS

Sharif University of Technology, Department of Industrial Engineering, guest speaker	2019
University of Memphis, Department of Math Sciences, ICODOE 2019 Conference	2019
UCLA, Department of Statistics, DAE 2017 Conference	2017
UT-Dallas, Naveen Jindal School of Management, Bass FORMS Conference	2017
Stanford, Graduate School of Business, Digital Marketing Conference	2016
UW-Madison Wisconsin School of Business, MBA guest speaker	2016

HONORS AND ACHIEVEMENTS

Grinter Award Fellowship, University of Florida	2011
Ranked 1/80 students in Department of Industrial Engineering, Sharif University of Technology	2010
Ranked 99 Percentile in Iran's nationwide University Admission Examination	2007