

Saeb Ragani Lamooki

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OBJECTIVE

Seeking Internship in Machine Learning, Data Science, Statistics.

EDUCATION

Ph.D. Candidate <i>Mechanical Engineering</i> SUNY at Buffalo	<i>Fall 2016 - present, GPA: 3.74/4.00</i> Buffalo, NY
Master of Science <i>Mechanical Engineering</i> Eastern Mediterranean University	<i>2012 - 2014, GPA: 3.91/4</i> Magusa, Turkey
Bachelor of Science <i>Mechanical Engineering</i> K.N. Toosi University of Technology	<i>2005 to 2010, GPA: 15.10/20</i> Tehran, Iran

SKILLS

Machine Learning, Deep Learning, Data Mining

Statistical Analysis, Statistical Process Control

Signal Processing, Time Series Analysis

Programming Languages: **Python, R, Matlab**

PROJECTS AND RESEARCH

Surface Plasmon Propagation in the Kretschmann-Raether Configuration <i>Python</i> University of Eastern Finland	<i>Fall 2020</i>
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SELECTED PUBLICATIONS (GOOGLE SCHOLAR)

A Personalized and Non-parametric Framework for Detecting Changes in Gait Cycles Submitted to Scientific Reports	2020
Challenges and Opportunities for Online Monitoring of Gait Profiles Observed from IMU... Biorob 2020 Conference	2020
Activity Recognition in Electric Line workers from a Single Wrist-Worn Accelerometer submitted to Expert Systems With Applications	2021
Improving Accuracy for Finite Element Modeling of Endovascular Coiling of Intracranial... PLOS ONE	2019
The Impact of Image Resolution on Computation of Fractional Flow Reserve: Coronary... The International Journal of Cardiovascular Imaging	2016

TEACHING EXPERIENCE

Dynamics Systems Lab (2 semesters), Thermodynamics (4 semesters) University at Buffalo	Buffalo, NY
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