I, PHD

Allen, TX @ abbdollah	ni@gmail.com 🤰 313-600-6016 🌼 Person
WORK EXPERIENCE	
Sr. Manager II, Data S Walmart	
	● Dallas, TX data science teams to boost productivity workforce planning AI/ML models.
stores, with an estimate lion.	tion project, currently piloted in select ed financial impact exceeding \$100 mil-
	ed multiple forecasting models, generating
an impact of over \$50 n	
 Initiated and led the dering. MILP Column General 	velopment of innovative task-based schedul
execution plan, significate efficiency.	nted strategic roadmap along with Scrum antly enhancing growth and operational
Scrum Planning	Roadmap
Advanced Analytics T	ech Lead
2020 2023	Warren, MI
and monitoring of safet	data scientists, focusing on early detection y issues to improve customer safety.
Leadership	Transformer LLM Big Data
	lifecycle of analytics-based app devel- ategic safety analytics with operational
React FastAPI As	synchronous Celery Redis
	n between IT and stakeholders, defining oll deployment and translating complex -driven projects.
Stakeholder Managem	nent Agile Triton amqp

EDUCATION

in mohammadabd

Wayne State University

Ph.D. in Industrial & Systems Engineering

a Aug 2014 - Dec 2021

Detroit, MI GPA: 4/4

G Scholar

Wayne State University

M.Sc. in Computer Science

Aug 2016 - Dec 2018

Detroit, MI GPA: 4/4

University of Tehran

M.Sc. in Industrial & Systems Engineering

a Aug 2012 - May 2014

Tehran, Iran

GPA: 4/4

ACADEMIC EXPERIENCE

Adjunct Professor

Wayne State University

- **2021**
- · Teaching advanced probability and statistics for engineers
- Prepared teaching material and held 1:1 technical sessions

Graduate Research Assistant Wayne State University

- **2014** | 2019
- Developed AI/ML solutions and algorithms to solve complex real world problems in health-care, transportation, supply
- Published and presented multiple papers at AI/ML journals and conferences.
- Assisting instructor in designing course syllabus, teaching materials, and exams.

SKILLS

Soft Skills

Leadership Communication Delegation

Problem Solving

Stakeholder Management

• Engineered a scalable web-based machine annotation and training application, enhancing user interaction and data processing capabilities.

- Mentored an analytics team, offering expertise in various platforms, analytics methodologies, and emerging technologies.
- Developed advanced deep learning models (RNN, CNN, Transformers) for NLP and telematics analytics, and established a version-controlled repository for models and code.

Data Scientist

General Motors

2018 | 2019

Warren, MI

- Deployed a distributed machine learning model for classifying text data into safety hazard categories, significantly reducing manual reading efforts.
- Developed NLP models for in-depth syntactic and semantic analysis, including word2vec and topic modeling.
- Created distributable APIs for efficient big data processing within the Hadoop ecosystem.

Operations analytics Intern

Bayer

2017

St. Louis, MO

- Developed a cutting-edge allocation and scheduling optimization, integrating spatiotemporal ML for producibility estimation.
- Created a user-friendly Flask-RShiny interface for the optimization API, streamlining access and usability for end-users.

Data Science Intern

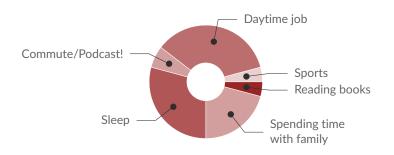
Ford

2016

Dearborn, MI

- Developed optimization algorithms to support global mobility experiments ran by Ford.
- Developed mathematical models to measure and predict the applicability of the experiments.
- Collect and analyze data from existing mobility experiments to validate models.

A DAY OF MY LIFE



Programming Languages



TensorFlow

DeepAR

Torch

NLTK

MLOps & Deployment



Prophet

XGBoost

Gensim

DataBase

SKLearn

Spacy

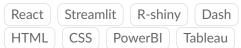
Transformers



Big Data



Visualization & UI



HONORS & AWARDS



2021

GM CIO award for AI/ML backed application for text annotation (S²MART)



2019

First place in Data n Analytic (DnA) challenge (who is the driver) of GM among 35 applicants



Extraordinary performance/effort award, Ford Motor Company



2015, 2016

outstanding teaching assistant award, Wayne State University for 2 consecutive years