Nusret Ipek

PhD Bioscience Engineering: Mathematical Modelling

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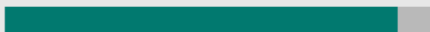🌐 https://kermit.ugent.be/phd.php?author=N.%20Ipek
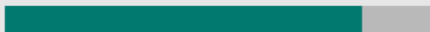
@ nusret.ipek@ugent.be

Objective

PhD student in Bioscience Engineering with a strong background in statistics, data analysis and computer programming. My goal is to deepen my knowledge in machine learning and programming for animal welfare.
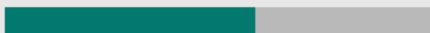
Skills

Julia

R
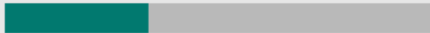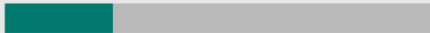
Python

AMPL

QGIS

Java

HTML & CSS

C & C++

SAS

ArcGIS

MATLAB

(*)[The skill scale is from 0 (Fundamental Awareness) to 6 (Expert).]

Accomplishments

- Awarded by Arizona State University called Moeur Award for exceptional academic achievement which is given to the students who are completed their degrees in 4 years with 4.00 GPA and it corresponds approximately top 1% of the students each year.
- Magna Cum Laude from KU Leuven ranking in top 5 out of 70 graduates.
- Graduated with honors of Summa Cum Laude recognized by ASU.

Education

Since 2021	University of Ghent (UGent)	PhD

Bioscience Engineering: Mathematical Modelling
Concentrated in computer vision and machine learning
Working with caged farm animal videos.

2019-2021	KU LEUVEN	MSc

Master of Science in Statistics and Data Science
Concentrated in European Master Official Statistics (EMOS)
Degree provided solid theoretical and practical background in the areas of machine learning, time-series, inference, statistical modelling and GIS.

2013-2017	ARIZONA STATE UNIVERSITY, TEMPE	BSE

Engineering Management
Concentration in Business Analytics
4.00 GPA

Work Experience

2019-2021	Euthority Project	TEXT MINING AND MACHINE LEARNING

Scrapping domestic and supranational court documents
Mining and applying machine learning algorithms on legal documents
Integrating state-of-art deep leaning models to the project

2017-2018	Ozel Fittings LTD	PROJECT MANAGEMENT SPECIALIST

Working on projects for increasing customer satisfaction
Development of cost reductive solutions in distribution network

2013-2014	ASU Admission Services	STUDENT WORKER

Worked with sensitive personal data
Worked directly with administration to help to solve problems
Contacted and directed future students with phone and e-mail

Internship Projects

2020	Flemish Statistical Authority: VSA	Data Specialist Intern

Using big data from Flemish business websites and natural language processing techniques to create cost effective official statistic of innovation

2020	EUROSTAT Coding Labs	Data Analyst Intern

Building a spatial model to predict population distribution with mobile network operator data Application focused on Belgium.

2017	Treasures 4 Teachers, USA	Student Intern

Focused on system design improvements for a non-profit organization and used six-sigma methodology

2016	Cortez Coffee Company, USA	Student Intern

Implemented lean thinking system in coffee making process

Certificates

2017	Lean Green Belt Certificate
2017	Six Sigma Green Belt Certificate

Other information

Since 2019	Member of Royal Statistical Society