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Top Skills

Process Mining
Python
Machine Learning

Languages

Persian (Native or Bilingual)
English (Elementary)

Certifications

Technology Entrepreneurship and Management
Sports Analytics Challenge 2019 - 3rd rank
Third Place in the Smart TV application award (Iran)
Data Lakes for Big Data

Honors-Awards

Non-EU Excellence nomination Scholarship
Selected among Endesa Datathon Energy Challenge Finalists
Bronze medal in PSG (Paris Saint-Germain) Sports Analytics Challenge

Publications

Business Understanding using Process Mining

Hadi Sotudeh

Data Science Trainee at KNVB
Eindhoven, North Brabant Province, Netherlands

Summary

As a PDEng student in Data Science and a dual degree master holder in Data Science, I am interested in machine learning, data mining in football analytics.

Experience

KNVB
Data Science Trainee
September 2019 - Present
Netherlands

Data Science Trainee at the department of performance & technology of the Royal Dutch Football Association (KNVB) as part of my one-year PDEng final project at Jheronimus Academy of Data Science.

Jheronimus Academy of Data Science
Professional Doctorate in Engineering (PDEng), Data Science
September 2018 - Present
's-Hertogenbosch, the Netherlands

JADS is a joint initiative of Eindhoven University (TU/e) of Technology, Tilburg University (TiU), and the Data Science Centre Eindhoven (DSC/e).

The Professional Doctorate in Engineering program helps top-level professionals, who help industry and business, with their decision-making processes based on real actionable data.

Data Challenges:

- Enexis: Exploratory Data Analysis and electricity demand forecasting.
- Dow Chemical: Towards an automated statistical process control (SPC) charts selection.
- Brabant Water: Analyzing the customer journey in the billing process.

Projects:

- Paccar: Towards a Sharp Pricing Decision Support System for Parts.

- Heijmans: Feature selection and prediction intervals of the cooling down curve.
- TE Connectivity: Diagnostics of the pricing structure.
- ASML: Analyzing parts life cycle in the supply chain process.

Coached the winning team of KPMG employees in the KPMG Data Science Bootcamp 2019 in De Ruwenberg.

Personal project: Analyzing Fifa World Cup 2018 event data using data science techniques to find patterns and insights.

For example:

<https://corneranalysis.herokuapp.com>

For more information contact me

Celonis

Machine Learning Intern

February 2018 - July 2018 (6 months)

Munich Area, Germany

Celonis, the market leader in process mining recognized by Gartner in 2018, is software that discovers and visualizes business processes to make them transparent, fast, and cost-effective.

My responsibilities:

- Master thesis on predicting undesired business process behavior using machine learning.
- Identification of potential Machine Learning use cases.
- Development of MVPs.
- Support of internal Data Scientists at customer projects.

SEERIO

Member of the Big Data team

December 2014 - August 2016 (1 year 9 months)

Tehran, Islamic Republic of Iran

Technical and business consultant in big data projects at Sharif E-Commerce & E-Government Research & Innovation Office (SEERIO.ir).

Quera

Python Script developer

December 2015 - July 2016 (8 months)

Tehran Province, Iran

Quera is an Online Programming Skill Assessment in Algorithmic and Technologic manner. It also runs programming contests.

At Quera, I developed scripts to monitor social media (Twitter and Instagram).

Education

Eindhoven University of Technology

PDEng, Data Science · (2018 - 2020)

EIT Digital Alumni

Master of Science - MS, Data Science // Innovation & Entrepreneurship

Minor · (2016 - 2018)

KTH Royal Institute of Technology

Master of Science - MS, Distributed Systems and Data Mining for Big

Data · (2017 - 2018)

Eindhoven University of Technology

Master of Science - MS, Data Science · (2016 - 2017)

Sharif University of Technology

Bachelor's Degree, Information Technology · (2011 - 2016)