Efkan Turedi

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Summary

Full-stack data scientist with 3+ years of work experience in business and data. Speaking Turkish, French and English, I have excellent communication and decision making skills which were critical to interact with a demanding audience such as investors. Energetic and focused, I have a strong ability to add value to projects in which I am involved. I recently finished a MSc in Data science at CentraleSupélec, and I also possess a BSc in Applied Mathematic from Paris-Dauphine University and a MSc in Management (Grande Ecole) from ESCP Europe. I am proficient in Python and JavaScript, and I have professional knowledge of web development and AWS cloud environment. I am able to develop and deploy data-centric applications end-to-end, and evaluate how a product fits in the value chain of a company.

Work Experience

THE DATA STORIES / _thedatastories.fr_   Paris, France
Data Scientist   Jan. 2021 - Current
- Founded The Data Stories to help businesses understand, manipulate and analyse data for decision making and product development
- Health app on Nutri-score using Random Forests to provide score with 90% accuracy for products without score (_link_)
- Object detection interface with Gradio using YOLOv3 with Darknet with 95% precision/recall to detect face masks presence (_ongoing_)
- Neural networks with word embeddings using Keras with 66% accuracy to analyse and create tags for Stackoverflow questions
- Helped NGO reduce their reporting time by 95% by automating their systems via Python Google APIs

REDBURN PARTNERS   London, UK
Investment Data Analyst   Aug. 2018 - Jan. 2021 (_2 years & 4 months_)
- Realised data-heavy analysis regarding individual telecommunications companies to identify potential mispricing within sector
- Wrote research reports and presented findings using Plotly and Seaborn . Used Bloomberg and Factset databases on a daily basis
- Built tools and automation capabilities with Python for data pipelines that improved the efficiency and quality of data interactions
- Created sophisticated financial models on MS Excel to evaluate ROI regarding private capital investments in telecom infrastructures

IMERYS   Paris, France
Investment & Strategy Analyst - Corporate Strategy (Off-Cycle)   Feb. 2016 - Aug. 2016 (_6 months_)
- Participated to Investment Cases reviews with senior management and financial advisors
- Performed recommendations to Senior Management by analysing industry-level metrics
- Conducted industry researches and prepared presentations for Strategic & Executive Committees

MORGAN STANLEY   Paris, France
Investment Banking Analyst - Mergers & Acquisitions (Off-Cycle)   Jun. 2015 - Dec. 2015 (_6 months_)
- Realised merger analysis regarding potential targets
- Computed valuation across different industries: comparables, precedent transactions and DCF
- Participated to the divestment of a shopping centre portfolio of CBRE Global Inv. (Jul. 2015 - €1.3 Bn)
- Participated to the divestment of a healthcare related portfolio of Gecina S.A. (Jan. 2016 - €1.4 Bn)

Education

CENTRALESUPÉLEC   Paris, France
MSc in Data Science   2021 - 2022
- Courses: _Machine Learning, Deep Learning, Probabilities, Statistics, Linear Algebra, Computer Vision, NLP,_
- _Additional Courses: "Collège de France" with Stéphane Mallat classes on high-dimensional data theories and applications_

ESCP EUROPE   London, UK / Ottawa, Canada / Paris, France
MSc in Management - Grande Ecole   2014 - 2017
- Courses: _Corporate Finance, Portfolio Management, Capital Markets, Econometrics, Economics_
- Exchange Programs: U. of Ottawa, Canada & ESCP Europe London Campus (one semester each)

PARIS-DAUPHINE UNIVERSITY   Paris, France
BSc in Applied Mathematics   2010 - 2013
- Courses: _Algorithmic, Linear Algebra, Computer Science, Probabilities, Advanced Statistics, Differential Calculus, Lebesgue Integration_

Skills & Interests

Programming stack: Python, JavaScript & TypeScript, PostgreSQL
Data Applications: AWS environment, Pandas, Keras & Tensorflow, Github, Gensim, Nltk, Gradio, MLflow, Streamlit, ReactJS
Data Communication: MS Excel & Powerpoint, Matplotlib, Seaborn, Plotly
Certifications: _AWS (SAA-C02)_: Ongoing. **MITx**: (_creds_). **CFA Level I:** passed (_creds_)
Languages: Fluent in Turkish (Mother tongue), French (Native speaker) and English
Interests: Mountain biking and week-end road bike trip. 3 times a week training for triathlons.