Dan Vasile

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EDUCATION AND TRAINING

10/10/2020 – 17/07/2023 Bucharest
BACHELOR'S DEGREE : COMPUTER SCIENCE AND ECONOMICS Romanian-American University

PROJECTS

2019 Romanian Presidential Election Analysis

Made using Django, JavaScript, D3, pandas, matplotlib, plotly and folium. Cleaning and merging results from over 3000 regions within Romania with corresponding geometries in order to acquire a complete picture of the election.

Link https://www.vasiledan.ro/2019_election/

Cleaning and visualizing Romanian unemployment data

A deep dive into data published by the National Agency for Employment on data.gov.ro. File names, diacritics, missing values and wrong data types were covered in this project.

Link https://www.vasiledan.ro/unemployment/

Voting Web App made with PostgreSQL and Django

A voting app that collects user input through a form, organizes and manages the data using Django's models and stores the votes in a PostgreSQL database hosted on Railway.

Link https://www.vasiledan.ro/vote/

COURSES

The Complete Python Bootcamp - Jose Portilla

Object Oriented Programming with classes, PDF parsing, Image editing, Web Scraping, File parsing, Regex patterns.

Python for Data Science and Machine Learning Bootcamp - Jose Portilla

Data Engineering, Data Analysis, Machine learning, Neural networks, Natural Language Processing.

The Ultimate MySQL Bootcamp - Colt Steele

Databases and Tables, CRUD Basics, String functions, Aggregate functions, Data types, Constraints, Joins, Views, Window functions.

11/03/2024 – CURRENT
Web Applications and Websites with Python and the Django framework - Maximilian Schwarzmüller

Routing URLs and Views, Templates and static files, Data and Models, Admin and Forms.

Link https://www.udemy.com/course/python-django-the-practical-guide

07/06/2024 – CURRENT
D3.js for Data Visualization - Luis Ramirez Jr

Data Joining to SVG (Scalable Vector Graphics) files, Scales, Axis, Interactivity and Animations.

Link https://www.udemy.com/course/learn-d3js-for-data-visualization

Spark and Python for Big Data with PySpark - Jose Portilla

Spark, PySpark, Microsoft Azure, Databricks, Databricks Notebook, MLlib and Spark Streaming

- ## SKILLS

Data Science / Machine learning / Deep Learning

Python, Feature Engineering, Web Scraping, Data Extraction, Data cleaning and preparation, Data visualization, and Big Data processing.

Python packages and Frameworks

Pandas, Numpy, Matplotlib, Seaborn, Plotly, Folium, Os, Scikit-learn, TensorFlow, Beautiful Soup, PySpark, NLTK, Regular Expressions

Git, Github, HTML, CSS, Javascript.

Cloud, Microsoft Office and Soft Skills

Spark, Databricks, Azure, Office, Power BI, Excel, Statistics and Linear Algebra, Teamwork, and Excellent communication.

- ## LANGUAGE SKILLS

Mother tongue(s):   **ROMANIAN**

Other language(s):

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
ENGLISH	C2	C2	C1	C1	C1

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

- ## WORK EXPERIENCE

05/2021 – 06/2021 Bucharest, Romania
PROJECT MANAGER IPSOS

As a member of the company's France branch, I initiated and led discussions with international clients, ensuring seamless communication across teams for accurate team allocation, strict budget adherence, timely product delivery, and real-time quality assurance.