

Adămiță David-Ștefan

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ABOUT ME

Second-year Computer Science student with programming skills in Python and other languages and proven academic excellence, having ranked first in year one with the highest overall grades. Eager to learn, collaborate, enhance my skills and abilities, and gain valuable real-world software engineering experience.

PROJECTS

Music Album Review Web App

Developing a Music Album Review Web App using Python and SQLite, where users can search for albums (via Spotify API), add reviews and ratings, follow other users, customize their profile and see their friends' recent listening activity, with a Streamlit Frontend.

EU Health Indicators EDA

Conducted an Exploratory Data Analysis of key health indicators across European Union countries using Python and libraries such as Pandas, NumPy, Seaborn and Matplotlib to employ descriptive statistics techniques and data visualization. Integrated data from Eurostat APIs and custom Excel sources, designing and implementing a data pipeline for acquisition, cleaning, and transformation of multi-source data.

Inferential Statistics and EDA of Formula 1

This project applies Exploratory Data Analysis (EDA) and Inferential Statistics to Formula 1 data and uncovers factors contributing to success, using R Studio. Using a stratified sample of race data from 10 years, it analyses factors influencing driver performance, tests hypotheses, and builds regression models to explore whether success is more strongly driven by car performance or driver skill.

EDUCATION

2024 - 2027 (expected)	BSc Economic Informatics (English), Faculty of Economic Cybernetics, Statistics and Informatics, Bucharest University of Economic Studies
2020 - 2024	Mathematics-Informatics, "Vasile Alecsandri" National College, Galați

CERTIFICATIONS

Python Data Associate (DataCamp)
Data Engineer Associate (DataCamp)
Database Design (Oracle Academy)
Database Programming with SQL (Oracle Academy)
Data Analyst Associate (DataCamp)
C2 Proficiency in English (Cambridge)

SKILLS

Programming: Python, C, C++, SQL, R Studio
Software: ETL Pipelines, Git, Visual Studio, PostgreSQL, Apache Airflow
Concepts: Data Structures & Algorithms, APIs, Relational Databases, Data Visualization, Operating Systems, OOP, Cloud Computing
Soft Skills: Problem-Solving, Teamwork, Creativity, Attention to Detail, Analytical Thinking, Continuous Learning, Communication, English Fluency