

Liviu Eduard Toader

Curriculum Vitae

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I am interested in Machine Learning, Data Science, Data Engineering.

Experience

- May-June 2021 **Data Scientist Intern**, Artificial Intelligence Expert SRL.
- Collaborated with a team of medics on cancer prediction.
 - Cleaned and extracted data from a large unstructured dataset with millions of rows in AWS.
 - Built machine learning models and did hyperparameter tuning.

Education

- 2020–2022 **University of Bucharest**, Master's Degree in Artificial Intelligence.
- 2017–2020 **Ovidius University of Constanța**, Bachelor's Degree in Computer Science.
- Highest GPA (9.68) of my graduating class, rank 1 out of 82 students.
 - Grade 9.80 on my Bachelor's thesis.

Skills

- **Languages:** Python, R, C++, SQL.
- **Libraries:** NumPy, pandas, Plotly, scikit-learn, PyTorch, spaCy, OpenCV.
- **Cloud:** Azure (ML Studio), AWS (S3, Athena SQL, SageMaker).
- Machine learning (including deep learning), natural language processing, computer vision, data visualization, web scraping, basic web development.
- English (C1 certification) and French (beginner).
- Willingness to learn more.

Projects

Projects that can be viewed on my portfolio webpage (edwardliv.github.io):

- **Baccalaureate Data Visualization**
Data visualization of the 2021 national exam results with interactive bar charts, histograms, tree maps.
- **Romanian News Articles Web Scraping**
Web scraped 22000 category labeled articles from popular Romanian news sites (such as Digi24 and Libertatea). Explored data and built multiple text classification models.
- **Procedural Terrain Generation**
3D computer graphics program in C++ based on simplex noise with camera movement and real-time adjustable parameters from the GUI. Video included.