Bogdan Munteanu

bomunteanu@gmail.com | +41 77 289 24 77 | Lausanne, Switzerland | https://github.com/bomunteanu

Education

EPFL - École polytechnique fédérale de Lausanne	Bachelor's Degree
Computer Science	September 2025 - June 2028

https://epfl.ch

Laude-Reut Educational Complex	High School • 10.00/10.00 GPA, 9.85/10.00 Baccalaureate
Mathematics & Computer Science	September 2021 - June 2025

Stanford	Pre-Collegiate Summer Institutes
Artificial Intelligence	June 2024

Intensive program covering foundational and advanced AI algorithms, including backpropagation, gradient descent, Convolutional Neural Networks (CNNs), and Transformer architectures. Developed a neural network for a capstone project to detect phishing links, achieving 91% model accuracy.
https://summerinstitutes.spcs.stanford.edu

Experience

Pentra	Bucharest, Romania
Co-founder	February 2024 - September 2025

Secured €150,000 in pre-seed funding (at a €1M valuation) after winning 1st place at Innovation Labs, Romania's largest pre-accelerator program.

Engineered a NLP pipeline to extract structured vulnerability signals from command-line interface (CLI) data streams logged via eBPF. Leveraged LangChain and fine-tuned BERT models to automate 80% of the data interpretation process, systematically converting raw text into actionable intelligence.

Deloitte	Bucharest, Romania
Software Development Intern	June 2023 - September 2023

Designed and deployed a distributed Redis caching layer for a high-volume Java Spring invoicing application, slashing core processing time by 70%. This performance enhancement became a primary selling feature, directly contributing to the product's successful acquisition by 150+ enterprise clients.
https://www.deloitte.com

Awards

Gold & Silver Medal	May 2023, May 2024
Acadnet National Olympiad of Applied Computer Science	

1st Place	October 2023
Adobe National Hackathon	

Volunteering

Omdena	April 2023 - July 2023
Remote	

Trained a TF-IDF binary classifier in Python to identify natural disaster-related tweets with 92% accuracy on a labeled dataset of 10,000 samples. Constructed an ensemble of models for sentiment analysis on classified tweets, providing a dashboard for humanitarian organizations to gauge public sentiment during crises.
https://omdena.com

Skills

Programming Languages
Python, Java, C++, Go

Tools, Libraries, Platforms
Git, Docker, Linux/Unix, PyTorch, LangChain

Quantitative Methods
Machine Learning (Classification, NLP, CNNs, Transformers)

Languages

English
● ● ● ● ●

French
● ● ● ○ ○