Matei Ignat

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Summary

I am a fourth-year Computer Science student with a strong passion for technology. I am dedicated, organized, and driven to excel in both my academic and extracurricular pursuits.

Experience

Smarttech Cybersecurity   **June 2025 - Present**
Cybersecurity Analyst

Education

Faculty of Automatic Control and Computer Science   **2022-09-10 -**
Computer Science   undergraduate

Gheorghe Moisil National College   **2018-11-08 - 2022-11-05**
mathematics and informathics   highschool degree

Projects

CompanyClassifier
Building a robust company classifier for a new insurance taxonomy.
🔗 https://github.com/ignatmatei/companyClassifier

This project implements a neural network-based classification system for companies using their descriptions and metadata. The system uses a combination of heuristic-based initial labeling and deep learning for accurate classification.

CPU
A Verilog implementation for a 16-bit CPU that can be configured on a Nexys A7
🔗 https://github.com/ignatmatei/cpu

Trading Engine
Neural network that predicts the changes in the Bucharest Stock Exchange
🔗 https://github.com/ignatmatei/tradingEngine

LAN party
🔗 https://lanparty.lsacbucuresti.ro/

I worked primarily on the frontend landing page, and implemented the be logic for team registration using the MERN stack.

XenCV
Objective: finding open positions for a cv
🔗 https://github.com/ignatmatei/winning-team

Built during a hackathon a Retrieval-Augmented Generation AI model using Pinecone for vector storage, LLamaIndex for processing and gpt4-turbo as the LLM.

Volunteering

LSAC Bucuresti   **2022-11-01 -**
senior volunteer - member of IT department

Teaching experience

Undergraduate Teaching Assistant   **September 2024 - present**
Teaching object-oriented programming in Java   Politehnica University of Bucharest

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Skills

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python
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java
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typescript
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Languages

english
C2
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