

Matei Ignat

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Summary I am a third-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 **Politehnica University of Bucharest** **September 2024 - Present**
Undergraduate Teaching Assistant
Teaching object-oriented programming in Java.

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 informatics highschool degree

Projects

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

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

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.

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.

CleanCooks
tinder-like web app with the be server written in java
🔗 <https://ignatmatei.github.io/CleanCooks>
the github repo : <https://github.com/ignatmatei/CleanCooks>.

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

Skills

c
● ● ● ● ○

python
● ● ● ● ○

java
● ● ● ● ●

typescript
● ● ● ○ ○

Languages **english**
C2
● ● ● ● ●