Abel Ianovici

ianovici.abel04@gmail.com | +32 494 68 59 62 | ablweb.github.io/ablweb-links (Portfolio)

linkedin.com/in/abel-ianovici | github.com/ablweb | Location: Brussels, Belgium

Nationality: Belgian/Romanian | Birth: 30 March 2004

Summary

Abel Ianovici, born in 2004, second-year Bachelor's in Computer Science student at **Université libre de Bruxelles**. Focused on AI, manufacturing automation, and tech innovation. Strong foundations in embedded systems and system design, with basic knowledge of machine learning and data science. I am quick to pick up new skills and adapt to different tasks. Seeking an internship or part-time role to apply technical skills and learn through real-world impact.

Education

Université libre de Bruxelles, Bachelor in Computer Science   Sept 2022 – Present

- Second year Bachelor, and third year at university
- **Coursework:** Computer Architecture, Algorithms, Database, Probability and Statistics, Linear Algebra,...

Personal Projects

Web Scraper to Dataset   github.com/ablweb/GoScrapr

- Built a tool to extracts significant data from websites and converts them into Excel spreadsheets, simplifying dataset creation
- Tools Used: Go, Colly

Parametric Audio Compressor   github.com/ablweb/SinComp

- Developed a Python tool that compresses audio by isolating and encoding the top sine wave components using Fourier Transform. Has potential for major size reduction of simple sounds. Prototype stage
- Tools Used: Python

Academic Projects

Lead Developer - Multiplayer Game   2024

- Developed and maintained an online Tetris game with both graphical and command-line interfaces. Designed using MVC pattern and led a team of 8, driving major technical decisions
- Tools Used: C/C++, SQLite, QT

Team Lead - Command-Line Chat Application   2024

- Developed a simple client-server chat application with system-level communication tools. Completed in one week as part of a team, leading core design and implementation
- Tools Used: C

Technologies

Programming Languages: C, C++, Go, Python, JavaScript

Technologies: Linux, ESP32, SQLite, Bash, Python (machine learning): NumPy, Pandas, Scikit-learn

Operating System: Windows 10/11, Linux (Debian, Arch, Fedora)

Tools: Git, LaTeX, UML (StarUML), Office suite (Excel, Word, PowerPoint,...)

Languages

Native: French, Romanian

Fluent: English