Ștefan-Teodor Iancu

| LinkedIn | GitHub | Personal Website | +40 754 548 577 |
| iancustefanteodor@gmail.com | Iași, România

SKILLS

Languages : Python, C/C++, Javascript, SQL, Bash, R
Knowledge : OOP, Databases, Linux, Data Structures & Algorithms, Networking, Basic Cryptography
Technologies and Tools : Git**,** FastAPI, ReactJS, Requests, SerpAPI, HTML, CSS, OpenSSL

EXPERIENCE

UpWork Freelancing   **Remote**
Python developer   July 2026 - Aug 2026

- **Cryptographic Signature Verification** - Developed a **Python** program to verify cryptographic signatures, translating functionality for a Swift developer. Managed public key loading and message verification to validate signatures with **pycryptodome**, as client requested.

PROJECTS

- **Dynamic IT Market Analysis Platform** - Developed a scalable platform with a **Python** (FastAPI) backend and a **ReactJS** frontend, integrating data from over 100 IT job market websites. Stored the information on job titles, requirements, demands, and trends in a **MySQL** database.Achieved an **80%** reduction in manual job research by automating data extraction and updates. Implemented Python-based web scraping with **SerpAPI** to ensure real-time accuracy of in-demand IT skills and technologies.

  GitHub Documentation

- **Cryptographic Secured Transfer Tunnel** - Built a CLI for secure file transfers using **Python** and **C++**, achieving data protection and transfer efficiency. Implemented **TLS** tunnels, with **RSA** for key exchange handshake and **AES-256** for encryption. Used C++ for high-speed cryptography and Python for request management and UI, creating a secure communication channel for Unix systems.

  GitHub Documentation

- **Personal Website** - This personal website showcases my web development expertise using **JavaScript**, **CSS**, and **HTML**. It features a clean, interactive design that highlights my skills, projects, and career achievements in Computer Science

  Website Link

EDUCATION

Alexandru Ioan Cuza University   **Iași, România**
Bachelor's of Science, Computer Science   Sep 2023 - Present (Jun 2026 expected)

- **Relevant Coursework :** Object-Oriented Programming, Operating Systems, Data Structures, Algorithm Design, Probabilities & Statistics
- **Volunteered in ASII :** I was part of a team that organized the FII Code Hackathon, which took place inside big tech companies from Iași, featuring 4 categories: Algorithms, CTF, Web & Mobile, and Game Development.

Mihail Kogălniceanu Theoretical Highschool   **Vaslui, România**
Highschool diploma, Mathematics & Computer Science   Sep 2019 - Jun 2023