

Amiryazdan Ghiasy

Data Analyst & Automation Backend Developer

SUMMARY

-Motivated Computer Engineering student with Strong hands-on experience and production-level projects in **Python automation, data processing , and web-scraping.**
-**Fast learner** with solid understanding of **data-driven decision making** and backend logic design.
-Eager to contribute to backend systems and expand skills in **databases, APIs, and scalable services.**

CONTACT

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TECHNICAL SKILLS

- Primary:

- **Python**
 - **BeautifulSoup**
 - **Requests**
 - **Pandas**
 - **NumPy**
 - **PyQt /Qt-Designer**
 - Multi-Threading (QThread)
- **SQLite** (local)
- **C / C++** (Academic)

- known as needed:

- **SQL**
- **C# → .NET**
- **HTML**
- **Git**
- **Docker**

EDUCATION

University of Science and Culture - Tehran
B.Sc. in **Computer Engineering** (5th semester)
Konkur Rank =
3002 (Mathematics & Physics)

STRENGTHS & SOFT SKILLS

- **Rapid learner**; able to pick up new frameworks and languages quickly.
- **Strong problem solving**, creativity, and entrepreneurial thinking.
- Responsible, team-player, good communication.
- Willingness to work hard, take ownership, and improve code quality.

PROJECTS (PRODUCTION-LEVEL)

- A. **Torob.com** based sites— **Price Monitoring & Update System**
(Python, requests ,BeautifulSoup, Pandas, SQLite, PyQt)
- Independently developed full App that **scrapes** Torob.com and help in monitoring & updating site prices
 - 1. Used **requests & BeautifulSoup** for data extraction from **Torob.com** and Handled **Cloudflare** protections and **request rate-limits**.
 - 2. **Designed algorithm** to suggest **cheapest price** while **preserving profit** based on Torob algorithms.
 - 3. Integrated a **local SQLite database** for persistent storage.
 - 4. Implemented **multithreading (QThread)** to perform scraping while keeping the **UI responsive**.
 - 5. Connected prices & stock quantities with local accounting software (**Asan7.ir**) with **Pandas**.
 - 6. Built the desktop interface using PyQt (&Qt Designer)
- This project is **functional and already deployed** in a real torob-based site **Installable** on websites built with WordPress or PrestaShop after config .
- **Impact:** Reduced price-update time from **15 hours to ~5 hours** for **100 SKUs** (**≈66% reduction**) — measured in our online store (admin-reported).
- **GitHub** = <https://github.com/RealAmir8004/Site-prices-bot>
(including demo.exe for better understanding of the project structure)
- B. **Full-Auto-Pricing Module** (**Algorithm design**, Python)
- Designed an algorithm for **automatic pricing** based on product availability, market **popularity**, exchange rate & **inflation** (with **analyzing** history of previous sell-prices), **cost & profit margin**, and **competitor price** reliability in torob.com.
 - **Projected impact** : Expected to reduce processing time from **~15 hours** (manual) to **~20 minutes** (fully automated) for **100 SKUs** (**≈98%**), based on prior semi-automated results.
 - This automation module extends the main Monitoring & Update System (development ongoing)
 - GitHub: <https://github.com/RealAmir8004/Site-prices-bot> → both of them in same repository
- C. **instagram_to_telegram** (Python ,telegram-bot, Instaloader)
- Developed a script to **fetch** public Instagram **Reels** in **bulk** and automatically **forward** them to Telegram via a **telegram-bot**.
 - Useful for **automating content** distribution and **content backup** workflows.
 - GitHub: https://github.com/RealAmir8004/instagram_to_telegram
- D. Other Projects (selected).
- Several small utilities and practice projects in **Python** and **C/C++/C#** a **semantic kernel** simple **chatbot** in c#.net (details available on **GitHub**).
 - Comfortable building **quick prototypes** and automations to validate **ideas**.

ADDITIONAL NOTES

- Open to learning backend technologies commonly used in industry (such as REST APIs, PostgreSQL/MySQL, Docker, cloud services).
- Open to Backend, Python, Data Engineer, Automation Engineer, or Full-Stack Developer roles (Intern to Junior).