

# 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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GitHub=

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### TECHNICAL SKILLS

- Primary:

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

- Basic (known as needed):

- **C#** → **.NET**
- **HTML**

### EDUCATION

University of Science and Culture - Tehran

B.Sc. in **Computer Engineering** (5<sup>th</sup> 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](https://github.com/RealAmir8004/instagram_to_telegram)

D. Other Projects (selected).

- Several small utilities and practice projects in **Python** and **C/C++** (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).