

Grace Haddad

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PROFILE

Systems-oriented IT student and 42 Beirut student with strong foundations in logic-driven development, HTML refinement, and behavior validation through code. Experienced in prompt-first workflows, low-level system programming, and translating abstract skills into measurable, rule-based structures. Thrives in asynchronous, text-based environments where output, iteration, and proof of action matter more than static credentials or meetings.

EDUCATION

- 42 Beirut - Level 3 | 2025 – present
42 Core Curriculum – Architecture of Digital Technologies Program
- BACs, Information Technology and Computing | Arab Open University | Antelias, Lebanon | 2024 – present
- LT – Information Technology | CIS College | BentJbeil, Lebanon | 2022 – 2025

SKILLS

TECHNICAL SKILLS

- **Languages:** C, Python, Java, Shell
- **Web:** HTML, CSS, JavaScript, PHP
- **Data & AI:** pandas, mplfinance, preprocessing, basic AI concepts
- **APIs:** RESTful API development & testing
- **Databases:** SQL, XML
- **Tools & OS:** Git, GitHub, Linux/Unix
- **Testing & QA:** Unit testing (90%+ coverage), debugging, refactoring

PROJECTS

- **Libft (42 Beirut)** – Reimplemented core C standard library functions to build a reusable foundation for system-level projects.
- **ft_printf (42 Beirut)** – Built a custom printf implementation with full format parsing and memory-safe output handling.
- **get_next_line (42 Beirut)** – Developed a line-by-line file reader supporting multiple file descriptors and buffer sizes.
- **push_swap (42 Beirut)** – Designed and optimized sorting algorithms under strict constraints using limited stack operations.
- **philosophers (42 Beirut)** – Implemented a concurrent system using threads and mutexes to manage shared resources safely.

PROFESSIONAL EXPERIENCE

QA & Trading Technology Intern, CoinQuant | Beirut, Lebanon

May 2025 – October 2025

- Analyzed real-time cryptocurrency data (trends, volume, volatility) to extract actionable insights.
- Collected and processed OHLC data using Python and pandas for time-series analysis.

- Applied statistical techniques to measure volatility, daily ranges, and detect trend shifts across timeframes.
- Developed a foundational understanding of price action analysis and candlestick pattern recognition.

Full-Stack Contributions

- Implemented update-profile API routes and a secure delete-account feature within the Identity Service, achieving 90%+ unit test coverage.
- Refactored frontend UI issues (sidebar hover behavior, static dashboard links) to improve usability.
- Configured conditional UI logic to hide the “New Strategy” button, ensuring cleaner workflows.

CERTIFICATES

- HTML Essential Training | LinkedIn Learning | March 2025
- 42 Piscine | 42 Beirut | February 2025
- Sustainability and Green Entrepreneurship | Injaz Lebanon | January 2025
- Project Management (PMI) | INJAZ Lebanon | January 2025
- Python Quick Start | LinkedIn Learning | January 2025
- Programming Foundations Fundamentals | LinkedIn Learning | January 2025
- Introduction to Networking | NVIDIA offered through Coursera | June 2024

VOLUNTEER WORK

Scout, Scout du Liban | Ain Ebel, Lebanon

2013 - present

- Cheftaine Louvettes (2025 – present)
- Participated in community service events, camps, skill-development workshops, competitions, and fundraising activities.

LANGUAGES

- Arabic: native language
- English: Fluent in writing and speaking
- French: Very good in writing and reading, good in speaking