Hicham Sarraj

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Profile

A driven and adaptive software engineering student at 42 Beirut with a strong foundation in programming, problem-solving, and data analytics. Experienced in backend development and skilled in robotics-related technologies. Passionate about building innovative solutions and contributing to cutting-edge projects.

Skills

- **Soft Skills:**
    - Problem-solving and critical thinking
    - Adaptability and Continuous Learning
    - Effective Time Management
    - Leadership and Collaboration
- **Technical Skills**
    - Programming Languages: C, C++, Python, JavaScript.
    - Web Development: HTML, CSS, Laravel, JavaScript.
    - Data Analysis: Excel (Advanced Techniques for Data Analysis certified).
    - Version Control: Git, GitHub.
    - Soft Skills: Problem-solving, adaptability, continuous learning, time management, teamwork.

Education

- **Core Curriculum (In Progress)**   Beirut, Lebanon   Feb 2024 – present
    - **42 Beirut**
        - Specializing in C programming, Unix, Git, and Bash scripting.
        - Completed projects: Libft, Push Swap, So Long, Minishell, Pipex, Philosophers.

- **Bachelor's Degree in Computer Science(In Complete)**

    Lebanon International University (LIU) – Computer Science

    Tripoli Campus, Lebanon | 1.5 Years

    Then I moved to:
    Jinan University – Bachelor's in Computer Science
    Tripoli, Lebanon | 1 Semester

Projects

42 Beirut Core Curriculum Projects

- **Libft, Push Swap, Born to be Root, So Long, Minishell, Printf, Pipex, Philosophers**

***Developed a custom C library (`Libft`), a stack-based sorting algorithm (`Push Swap`), and a mini Bash shell (`Minishell`). Built a 2D game (`So Long`), implemented custom printing functions (`Printf`) and piping mechanisms (`Pipex`) and* developed a multi-threaded dining philosophers simulation (Philosophers)*.**

Work Experience

Backend Developer

DMP Company | 3 Months

- o **Built and maintained backend applications using Laravel.**

- o **Collaborated with a team to develop scalable and efficient solutions.**

Data Analyst

Shareb Startup Company

- o **Conducted data analysis to extract actionable insights for business growth.**

- o **Utilized tools like Excel for advanced data visualization and reporting.**

Languages

- **Arabic:** *Fluent*   **English:** *Intermediate*   **French:** *Beginner*

Certifications

- **Excel like a Pro: Advanced Techniques for Data Analysis** – *Udemy*
- **Foundations of Computer Science** – *Edraak*
- **Text Processing Basics** – *Edraak*
- **Remote Communication Skills** – *Mohammed bin Salman Foundation (Misk)*