

Farah Samir Nasser

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Summary

Motivated and detail-oriented Computer Science student with strong foundations in **OOP, data structures, algorithms, and SQL**. Skilled in **C, Java, Python, Git, and Linux**, with growing knowledge of **.NET and desktop applications**. Experienced in collaborative projects through **42 coding school** and university coursework. Passionate about developing real-world software solutions.

Education

- Bachelor of Computer Science
Arab Open University (AOU) | Expected Graduation: 2026-2027
- Relevant coursework: Programming (Python, Java), Discrete Mathematics, Linear Algebra, Computer Architecture
- École 42 Beirut | Core curriculum (expected graduation in 2026)
- Relevant coursework: Unix, C programming, version control (Git), Network and System Administration, Debugging and Testing, Inter-process communication, Shell Scripting
- High School Diploma - Life Sciences - Lebanese International School | 2023-2024

Technical Skills

- Programming Languages: C, Java, Python
- Concepts: OOP, data structures, algorithms, database design
- Tools & Technologies: Git, Linux (Ubuntu), OOP, Shell scripting, Debugging and Testing
- Soft Skills: Problem-Solving Leadership, Teamwork, Communication, Time Management

Projects

- API Server Project (Ongoing)
 - Developing a Spring Boot API connected to PostgreSQL with login, user permissions, and CRUD operations.
 - Implemented authentication and database integration using SQL queries and JPA.
- 42 Piscine Bootcamp Projects | 3/2/2025 - 28/2/2025
 - Built a **custom C library** to handle core programming functions.
 - Created a **small client-server program**, applying inter-process communication and system-level programming.

- Gained hands-on experience with **Git for version control** and Linux for system navigation.
- Managed a coding team during 42 projects, ensuring timely and high-quality deliverables.