

Joy Meouchy

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in [JoyMeouchy](#)

📍 Beirut

Education

42 Beirut – Level 5

Core Curriculum – Architecture of Digital Technologies Program June 2024 - present

Notre Dame University - Louaize

B.S. in Computer Science (currently paused to focus on 42 Beirut) January 2023 - present

Projects

Minishell – Unix Shell Implementation

- Built a C shell handling parsing, process creation, pipes, and redirections.
- Modular design and iterative debugging for reliability.

Philosophers – Concurrency & Resource Management

- Multithreaded simulation solving synchronization constraints using mutexes.
- Prevented race conditions and deadlocks; optimized execution flow.

Push_swap – Algorithm Optimization

- Stack-based sorting algorithm with operation count reduction via radix sort.
- Iteratively refined algorithm for performance and efficiency.

so_long – 2D Game Development

- Developed 2D game with player movement, collectibles, and event handling.
- Event-driven logic and modular code structure for maintainability.

Foundational Projects

- Libft – Reimplemented key C standard library functions and custom utilities
- Get Next Line – Buffered file reading with memory management
- ft_printf – Custom printf with variadic functions and format specifiers
- NetPractice – Configured IP routing and subnetting to build functional networks
- C++ Modules 00–05 – Learned OOP concepts, inheritance, polymorphism, memory management, and exception handling

Work Experience

Operations Assistant

Little Miss Busy February 2025 - Present

- Promoted from Shopkeeper to Operations Assistant, taking ownership of inventory, logistics, and operational workflows.
- Managed end-to-end order fulfillment, including delivery scheduling and coordination with external shipping providers.
- Tracked shipments, resolved delivery issues, and ensured smooth customer communication.
- Maintained accurate inventory tracking and material categorization to improve stock visibility.
- Performed bookkeeping tasks: tracked expenses, daily sales, and operational costs.
- Updated website product listings to align physical and digital inventory.

- Analyzed sales and stock movement data to support restocking and purchasing decisions.
- Improved internal workflows to reduce operational bottlenecks.

Sales Associate

Sinsuki

July 2024 - September 2024

- Assisted customers, processed orders, and handled logistics coordination.
- Monitored inventory and ensured accurate daily reconciliation.

Content Moderator (remote)

Addchat Inc.

July 2023 – March 2024

- Reviewed user-generated content for compliance with guidelines.
- Maintained high accuracy and contributed to process improvements.

Skills

Product & Analytical: Requirement breakdown, structured documentation, workflow optimization, metric tracking, cross-functional coordination

Technical: C / C++, Data Structures & Algorithms, Memory Management, Unix/Linux, Git / GitHub

Tools / AI: Prompt engineering, Google Workspace, Excel / Google Sheets

Languages

Arabic — Native | English — Professional French — Limited