

# Daoud Salim

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## EDUCATION

### Mediterranean Institute of Technology (MedTech)

Tunis, Tunisia

Engineering Preparatory Program (Sophomore)

Expected May 2029

- Relevant Coursework: Data Structures, Algorithms, Object-Oriented Programming, Discrete Mathematics

## TECHNICAL SKILLS

**Programming Languages:** Python, Java, C

**Frameworks / Libraries:** Pygame

**Developer Tools:** Git, GitHub, Docker, VS Code, IntelliJ

**Human Languages:** Arabic (Fluent), French (Fluent), English (Fluent)

## PROJECTS

### Jump King (Pygame Recreation) | [GitHub Repo](#) | *Python, Pygame*

- Developed a 2D "rage-style" platformer from scratch, recreating the core mechanics of 'Jump King' using Python and Pygame.
- Engineered a custom 2D physics engine to manage gravity, variable jump mechanics, and pixel-perfect collision detection.
- Implemented a multi-level game architecture with a state manager to handle sprite animations and transitions (e.g., main menu, gameplay, game over).

## LEADERSHIP EXPERIENCE

### Co-Founder & Treasurer

Sept 2022 – July 2023

*WeEmpower, Paris, France*

- Co-founded a non-profit association dedicated to advocating for women's rights.
- Managed the association's annual budget, overseeing all financial reporting, fundraising, and disbursements.
- Secured a formal partnership with **Amnesty International** to co-host advocacy events and share resources.

## EXPERIENCE

### Private Tutor

Sept 2024 – Present

*Self-Employed*

*Tunis, Tunisia*

- Developed customized lesson plans and learning materials for two students in English and French.
- Simplified complex topics to improve student understanding and academic performance.
- Managed all scheduling and parent communications independently while balancing a full engineering course load.