

Hadi Fakhouri

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EDUCATION

American University of Beirut

Bachelor of Arts and Sciences in Computer Science

Beirut, Lebanon

Aug. 2024 - May 2027

EXPERIENCE

Private Tutor

American University of Beirut

January 2025 - Present

- Tutored students in mathematics, programming fundamentals (C, Java, Python), and problem-solving
- Adapted explanations to different learning styles and academic levels
- Helped students improve exam performance and conceptual understanding
- Developed clear lesson plans and practice exercises

PROJECTS

MediCare Portal Web Application | *HTML, CSS, JavaScript, Node.js, Express*

January 2025 - Present

- Designed and developed a full-stack hospital management system using JavaScript across frontend and backend.
- Implemented RESTful API routes with Express.js for appointment scheduling and user interactions.
- Modeled and managed application data using MongoDB (NoSQL database).
- Integrated a conversational AI chatbot to simulate automated administrative support.
- Applied Git-based workflow for version control and collaborative development.

Connect Four Game with AI Opponent | *C, Git*

September 2025- December 2025

- Developed a fully functional Connect Four game in C, implementing complete game logic and win-condition detection
- Implemented an AI opponent using the Minimax algorithm for optimal decision-making.
- Designed multiple difficulty levels by varying search depth and evaluation strategy
- Built a heuristic board evaluation function to guide the AI toward winning and blocking moves.

TECHNICAL SKILLS

Languages: Java, Python, C/C++, SQL (Postgres), JavaScript, HTML/CSS, Assembly

Frameworks: React, Node.js, Express

Tools and Technologies: Git, GitHub, VS Code, Eclipse, Linux