



IYAD M. GUESBA

COMPUTER SCIENCE STUDENT

CONTACT



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021.contact



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EDUCATION

IUT PARIS RIVES DE SEINE, PARIS
BACHELOR'S DEGREE IN COMPUTER SCIENCE
2023 - 2026

LYCÉE EUGÈNE IONESCO, ISSY-LES-MLX
HIGH SCHOOL DIPLOMA (STI2D)
2021 - 2023

PERSONAL SKILLS

- Creative problem-solving approach
- Autonomy in software and hardware prototyping
- Analytical mindset and attention to detail
- Strong interest in health innovation
- Fast learner and adaptability to new tools

LANGUAGES

- French: Native
- Arabic: C1
- English: Advanced (B2-C1)
- Spanish: Intermediate (B2)
- Turkish: Beginner (A1-A2)

PROFESSIONAL EXPERIENCE

MEDICAL SIMULATION TECHNICIAN (APPRENTICESHIP) ILUMENS - PARIS

SINCE DECEMBER 2024

Participated in the setup and smooth operation of high-fidelity medical simulation scenarios. Managed technical equipment, provided technical assistance, and coordinated innovations (networking, WebRTC, digital support) with medical teams.

CONSTRUCTION WORKER DERICHEBOURG - PARIS JULY 2024 - AUGUST 2024

Assisted qualified workers on construction sites and warehouses. Handled inventory logistics, unloading, material management, and ensured task execution reliability.

FREELANCE DEVELOPER - FRANCE SINCE FEBRUARY 2022

Specialized in web development and game server deployment, delivering tailored solutions to diverse client needs.

TECHNICAL SKILLS

Programming & Web Development:

Full-stack tool development with a strong focus on security, maintainability, and performance optimization.

Languages & Tools: Java, C, Python, VB, HTML, CSS, JavaScript, React, Tailwind CSS.

Databases & Backend Integration:

Design, security, and processing of data across real-world application scenarios.

Technologies: SQL, MySQL, Oracle, Access — currently exploring Firebase and Node.js for modern backend solutions.

Robotics & Prototyping:

Solid foundation in 3D modeling (SolidWorks, Blender) and embedded electronics through academic (STI2D) and personal technical projects.

Skills: Arduino prototyping, mechatronic system design, and development of control interfaces.

PROJECTS

Medical Report Generator — React (Completed)

Developed a tool to generate and transfer standardized clinical analysis reports.

Surgical Robot — Arduino (Ongoing)

Inspired by robotic surgical systems, combining joystick control, embedded systems, and assisted surgical gestures.

Respirator Simulator (Ongoing)

Educational device simulating artificial ventilation.

Intraosseous Drill (Ongoing)

Prototype simulating intraosseous injection for emergency medical training.