

Salloum Al Aridi

📍 Lebanon | 📞 81 863 753 | ✉️ salloumaridi31@gmail.com 📅 1 Nov 1999

Professional Summary

Motivated Coding, Robotics, and IT Instructor with experience teaching 150+ students from Grades 2–12 in programming, robotics, artificial intelligence, and digital fabrication. Passionate about creating engaging learning experiences that develop technical skills, creativity, and problem-solving. Experienced in Python, web development, robotics, IT support, and networking, with practical industry experience in full-stack web development and cybersecurity.

Professional Experience

Full Stack Web Development Intern

4Finance 2026 | 40-Day Internship

- Completed an intensive full-stack web development internship.
- Designed and developed a complete full-stack web application from planning through deployment.
- Built a municipality management web application for Aley Municipality (private/internal project) using modern web technologies.
- Worked with HTML, CSS, JavaScript, React.js, Node.js, and databases.
- Collaborated with developers using Git and Agile development practices.
- Improved application performance through testing, debugging, and optimization.

Coding, Robotics Tutor & IT Support

High National College, Sarahmoul Sep 2025 – Present

- Teach programming, robotics, AI, and 3D printing to 150+ students across Grades 2–12.
- Design age-appropriate curricula using Scratch, Python, Arduino, Raspberry Pi, LEGO SPIKE Prime, Tinkercad, and Fusion 360.
- Supervise students in developing robotics systems, AI applications, and engineering prototypes.
- Led the design and implementation of a Smart House project integrating sensors, automation, and microcontrollers.
- Prepare students for robotics competitions, hackathons, and technology exhibitions.
- Maintain computer laboratories, educational technology, and network infrastructure.
- Provide technical support to staff and students.
- Manage Google Workspace, Microsoft Teams, and GitHub.
- Promote cybersecurity awareness and responsible digital practices.

Projects

- Municipality Management System (Private Project)
- Technologies: React.js, Node.js, JavaScript, HTML, CSS, Database
- Developed a complete municipality management web application during a professional internship.

- Designed both frontend and backend components.
- Implemented secure data management and user-friendly interfaces.
- Built for real-world municipal operations; project remains private and is not publicly accessible.
- Smart House Automation Project
- Technologies: Arduino, Raspberry Pi, Sensors
- Designed and developed a smart home prototype with students.
- Integrated sensors and automated control systems.
- Demonstrated IoT concepts and embedded programming.
- Presented as an educational engineering project.

Certifications

- Full Stack Web Development Certificate — Ministry of Education (2026)
- Full Stack Web Development Internship — 4Finance (2026)
- Cybersecurity (Ethical Hacker) — Semicolon Academy
- CCNA: Introduction to Networks — Cisco Networking Academy
- Introduction to Cybersecurity — Cisco Networking Academy
- Python Programming

Technical Skills

- Programming: Python • JavaScript • HTML5 • CSS3 • React.js • Node.js
- Databases: SQL • MySQL (or whichever database you used)
- Robotics: Arduino • Raspberry Pi • LEGO SPIKE Prime
- CAD & 3D: Fusion 360 • Tinkercad • 3D Printing
- Cybersecurity: Nmap • Metasploit • Aircrack-ng
- Tools: Git • GitHub • Google Workspace • Microsoft Teams • Microsoft Office

Languages

Arabic: Native

English: Fluent