

Rayan Hashem

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EDUCATION

Lebanese International University (LIU), Beirut, Lebanon October 2021- June 2024
Bachelor of Science (BS) in Computer Engineering. GPA: 3.67/4.0 (92/100)

Experience and volunteering

Information Technology Internship

July 2024 – August 2024

Lebanese International University – LIU

- Resolved diverse hardware and software issues, improving system uptime and user productivity.
- Assisted with routing and switching tasks, optimizing network pathways and enhancing data flow efficiency across the organization.
- Contributed to network stability by assisting in the configuration, troubleshooting, and ongoing maintenance of network infrastructure, implementing proactive measures that enhanced connectivity reliability.
- Provided on-demand support and training to staff, addressing real-time issues and guiding them through best practices to improve their daily technical proficiency.
- Diagnosed and resolved network bottlenecks by analyzing switch and router logs, applying protocols like DHCP and DNS to streamline network performance.

Freelance Web Developer

January 10, 2025 - Present

- Developed fully responsive, client-specific websites from scratch, ensuring alignment with client goals and user experience best practices.
- Built and integrated dynamic features using PHP, JavaScript, MySQL, Bootstrap, and HTML/CSS, handling both front-end and back-end development.
- Improved website performance through database optimization and efficient code structuring, reducing load times and boosting reliability.
- Maintained direct communication with clients throughout the project lifecycle — from requirement gathering to deployment — providing technical guidance and creative solutions.

Skills

Programming Languages: Java, Python, JavaScript, C++, C#

Databases: MySQL, SQL, MongoDB

Frameworks: Django, Node Js, Bootstrap, React, Git, .net, Angular

Data Formats: HTML, CSS, EJS, XML, JSON

Final Year Project: Smart Road Infrastructure System

- **Front-End Development:** Designed a user-friendly web interface for emergency services to monitor and manage real-time incident data (HTML, CSS, JavaScript, AJAX).
- **Back-End Integration:** Developed secure data storage and retrieval using PHP and MySQL, ensuring reliable system performance.
- **Hardware Integration:** Integrated Raspberry Pi with PIR sensors and cameras to capture and transmit live incident footage, supporting faster emergency responses.

Languages

Languages: Arabic (Native), English (Professional Level), and German (A1).