Kassem Elhajj

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PROFILE

Motivated Electrical Engineering student with a strong academic background and a passion for innovation. Skilled in microcontrollers, electronics and programming. Effective team player with a creative approach to problem-solving. Dedicated to continuous learning and seeking fulfilling engineering opportunities.

EDUCATION

Electrical/Electronics Engineering

Lebanese University | Faculty of Engineering 3 | 2021-Ongoing

I have successfully completed courses in Electronics 1 and 2, Microprocessor, Signal Theory, and Automatics 1, demonstrating proficiency in diverse areas of electrical engineering.

I have accomplished coursework in C language, Object-Oriented Programming (OOP) in C++, Data Analysis, and Data Structures, showcasing proficiency in essential programming concepts.

Engaged in hands-on laboratory experiences in electrical engineering, applying theoretical knowledge to practical scenarios.

Grades

Semester 1: 16.51/20 | Semester 2: 17.65/20 | Semester 3: 14.95/20 | Semester 4: 16.6/20 | Semester 5: 16.12/20 | Semester 6: 15.83/20

CERTIFICATES

Oct 2024 - Present

CCNAv7 1: Introduction to Networks
Completion of CCNAv7: Introduction to Networks demonstrates foundational knowledge in network fundamentals, establishing a solid understanding of networking principles essential for entry-level roles in network administration and engineering.

CCNAv7 2: Switching, Routing, and Wireless Essentials
Completion of CCNAv7 demonstrates expertise in network administration and engineering, encompassing essential skills such as configuring, troubleshooting, and optimizing enterprise networks, including VLANs and spanning tree protocol (STP).

CCNAv7 3: Switching, Routing, and Wireless Essentials
Gained expertise in enterprise networking, including advanced routing (OSPF, EIGRP), WAN technologies, security (VPNs, ACLs), and network automation (SDN, APIs). Developed hands-on skills in configuring and securing enterprise networks.

PROJECTS

July 2023 - Oct 2023

- **E-commerce website:** Created an E-commerce website and a platform utilizing React, CSS, Node.js, and MongoDB, showcasing proficiency in full-stack web development.
- **Note-saving website:** Designed and developed a note-saving website utilizing React, CSS, Node.js, and MongoDB.

    GitHub : https://github.com/Kassem-Elhajj

Experience

Aug 2024 - Sep 2024

- **Internship at Ghaddar Machinery Co:** focusing on genset control panel assembly, ATS panel setup, and industrial generator testing. Enhanced technical skills, teamwork, and problem-solving in electrical systems.

Aug 2024 - Nov 2024

- **Internship at Smart Secure Solutions (SSS):** Developed skills in web and mobile development, including frontend and backend technologies with Angular, Laravel, Node.js, and Flutter. Worked on integrating Firebase and AWS solutions. Gained experience in full-stack application development, security, and performance optimization.

ADDITIONAL SKILLS

- **Languages:** Arabic (Native), English (Fluent)
- **Microsoft Office:** Proficient in Word, and Excel
- **Programming:** Skilled in C/C++, C#, Python, HTML, JavaScript, Node.js, MATLAB, and CSS