HASSAN HAMMOUD

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Recent Master's graduate in Computer Science with proficiency in networking, development, cybersecurity, and smart home technologies. With experience in Python and computer vision applications, plus a strong foundation in database integration. Demonstrates effective problem-solving skills and a passion for driving technological innovation.

EDUCATION

Master of science in computer science

- Modern university for business and science, October 2022 - May 2025

Bachelor of Science in computer science

- Lebanese international university, October 2018 – July 2021

PERSONAL PROJECTS

Smart Home Network

- Designed automation systems for smart devices connected wirelessly.
- Developed a home gateway for user access to smart devices.
- Connect and configure network devices (routers/switches/pc's)

Online Café Web Application

- Login/signup feature.
- Add/remove from cart products
- Database integration
- Admin dashboard for database management

Real time traffic prediction and optimization using computer vision and machine learning

- Vehicle detection and counting using openCV.
- machine learning for traffic prediction to forecast traffic on web using python flask.
- Signal light timing control according to vehicle count.
- Arduino simulation of signal light using and wireless control of lights.

SKILLS

- **Networking:** (TCP/IP) Networking, cisco-CCNA, Routing protocols, routers/switchs setup and configuration, Firewalls, IoT network modeling and simulation.

- **programming/scripting:** java, javascript, html, CSS, PHP, SQL, python.

- **Cybersecurity**: Introduction to cybersecurity, cybersecurity essentials, information security.

- **Soft Skills**: Teamwork, effective communication, problem-solving

- **languages:** Arabic (5/5), English (4/5).