

Jamil Ghassan Arabi

Information & Communication Technology

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Profile

As an ICT student with knowledge in Project Management, I am passionate about using technology to solve problems and create value for organizations. With a strong academic background in computer science and practical experience in programming, web development, and database management. I have experience in designing and developing IoT solutions using sensors, microcontrollers, and cloud platforms.

Education

Bachelor Degree in Information and Communication Technology,

Oct 2020 – present

American University of Science and Technology

Relevant coursework includes computer programming, web development, database management, networking, cloud computing, cybersecurity, and project management

Projects

University Projects

- Developed a Harnessing Machine Learning Algorithm In Smart Irrigation System to optimize water usage and improve crop yield
- Participated in AUST Expo and winner in Linux kernel & Shell Programming
- Participated in AUST IoT Expo and developed a smart home system using Raspberry Pi, and cloud platforms which allows users to control and monitor their home appliances remotely

Professional Experience

Penetration Tester

- Experience in conducting IT Security Risk Assessments in accordance to NIST framework.
- Experience in vulnerability assessment and penetration testing using various tools like Burp Suite, OWASP ZAP proxy, NMAP, Masscan, Nessus Pro, Nikto.
- Security assessment based on OSSTMM methodology and OWASP framework.

Digital Forensics

- Conducted digital forensic investigations and analyses for legal proceedings, internal investigations, and cybersecurity incidents
- Acquired and analyzed digital evidence from various devices and systems, including mobile phones, computers
- Prepared forensic reports and provided expert witness testimony in court proceedings
- Collaborated with cross-functional teams, including legal, law enforcement, and IT security teams, to support investigations

Malware Analyst

- Analyze malware samples and identify their behavior and functionality
- Reverse engineer malware to understand how it works and how it can be mitigated
- Develop and implement malware analysis processes and procedures

Networks

- Monitored network traffic and analyzed network behavior to identify and troubleshoot network issues
- Performed network traffic analysis to identify network security threats and vulnerabilities
- Maintained and monitored network devices such as routers, switches, and firewalls
- Conducted network performance analysis to optimize network performance and bandwidth utilization
- Configured and managed network services such as DNS, DHCP, and VPN

Languages

English



Arabic



French



Skills

Expertise in digital forensic tools and techniques, including acquisition, analysis, and preservation of digital evidence from various devices and systems

Knowledge of forensic methodologies and principles, forensic report writing, and expert witness testimony

Experience in data recovery, password cracking, and network forensics

Proficiency in programming languages such as Python, Java, C, C#, C++, Bash Scripting, AWK

Experience in developing websites using HTML, CSS, and JavaScript

Knowledge of database management systems such as MySQL and Oracle

Experience in designing and implementing cloud-based solutions using Amazon Web Services (AWS), Microsoft Azure, and Google Cloud Platform (GCP)

Strong analytical, problem-solving, and communication skills

Professional Memberships

Dar AlHayat School

- Worked with a team of developers to ensure the website is up-to-date and user-friendly.
- Performed regular maintenance of the website to ensure its functionality and reliability.

Jun 2022 – Sep 2022
Rashaya, Lebanon

Certificates

Cisco Networking Academy

CCNA1: Introduction to Networks
CCNA2: Routing and Switching Essential
ITC: Introduction to Cyber Security

Huawei

HCIA-AI: Huawei ICT Associate in Artificial Intelligence

LPI (Linux Professional Institute)

LPIC1: Certification in the multi-level Linux professional certification program of the Linux Professional Institute (LPI)

Huawei Talent

HCIA-Security: Huawei Certified ICT Associate-Security
HCIP-Security: Huawei Certified ICT Professional-Security
Python Programming Basics

Courses

CEH

Certified Ethical Hacker

CCNA3, CISCO

Enterprise Networking, Security, and Automation (ENSA)

Membership

Member, Institute of Electrical and Electronics Engineers (IEEE)