Zaid Al Mousawi

Computer Science and Cybersecurity Student
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Dubai, UAE | Canadian | Self-sponsored Golden Visa
Seeking work and internship opportunities in software development and cybersecurity

EDUCATION

Bachelor of Computer Science (Cybersecurity) | Sep 2024 - Expected Dec 2027
University of Wollongong in Dubai

EXPERIENCE

Technical Assistant (part-time), DCX LLC. | May 2025 - Present

- Proposed and developed dcx.ae, a corporate portfolio website showcasing company projects and services.
- Configured Cloudflare Origin Certificate HTTPS and Nginx reverse-proxy routing to OpenLiteSpeed; worked on Fail2Ban configuration and hardening.
- Administered Linux VPS infrastructure and troubleshot TLS certificates and encrypted SMTP/IMAP connections.
- Installed and configured Mailcow for company email using the @dcx.ae domain.

PROJECTS

DCX.AE | Corporate website infrastructure and technical SEO

- Contributed to website security, infrastructure configuration, and technical optimization for DCX Technical Services LLC.
- Historical Google Search Console exports showed clicks rising 53.3% (30 to 46) and impressions 91.1% (1,602 to 3,061) across consecutive three-month periods.
- Supported improved search visibility for waterproofing, leak investigation, and roofing service pages.

Rastro | Python network auditing CLI
github.com/ZeeEmn/Rastro

- Built an interactive workflow for IPv4 host discovery, target selection, and configurable Nmap scanning.
- Parsed Nmap XML into host and service objects, displayed results, and exported TXT and CSV reports.
- Saved JSON scan snapshots and compared host observations, open ports, and detected service versions.

Stack: Python, Nmap, EasyMenu3, psutil, pick, Rich, xml.etree.ElementTree

OPEN SOURCE

Questless | Python API validation and regression tests | Oct 2026

- Added validation to Simulation.step() to reject negative days and introduced UnknownIdError for unknown contract, NPC, and guild IDs, with readable error messages.
- Added pytest regression tests for invalid inputs and exact error messages; verified the test suite and Ruff checks.

More contributions on github.com/ZeeEmn and zaidalmousawi.com/contributions.

SKILLS

Programming: Python, C++, JavaScript, HTML/CSS, SQL, PL/SQL; object-oriented programming
Networking and security: TCP/IP, networking fundamentals, SSH, Kali Linux, Nmap, Wireshark, Burp Suite
Infrastructure and tools: Linux/VPS administration, Cloudflare, Nginx, OpenLiteSpeed, SSL/TLS, Fail2Ban, Mailcow, Postfix, Dovecot, Git, GitHub
Web and search: WordPress, technical SEO, Google Search Console analysis
Languages: English and Arabic (fluent)