

Lina Rashdan

IT & Cybersecurity Professional

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EDUCATION

Bachelor in Computer Science X Bachelor in Network and Telecommunication, (Graduated: 2025)

University Paris-Saclay - Vélizy-Villacoublay, France

- Final year at the University of Quebec at Chicoutimi "UQAC" (Quebec, Canada)
- Honours Thesis: Security of Satellite Communications Systems

PROFESSIONAL EXPERIENCE

DOCAPOSTE (Paris, France)

May 2025 - Present

Cybersecurity Engineer - Intern

- Conducted penetration testing on cybersecurity solutions, identifying and reporting critical vulnerabilities to third-party vendors.
- Implemented secure AI agents to enhance team productivity while ensuring protection of sensitive data.
- Initiated and developed a comprehensive Business Continuity and Disaster Recovery Plan, including a ransomware attack scenario simulating compromise of a client workstation hosting all key solutions.

UQAC (Quebec, Canada)

January 2025 - April 2025

Research Associate, Artificial Intelligence Security

- Researching vulnerabilities in AI language models and writing an article for submission to the 32nd ACM Conference on Computer and Communications Security (CCS).
- Developing an ontology of AI vulnerabilities to automate detection and enhance the security of generative AI against jailbreak prompts and other attacks.

CLAAS (Velizy-Villacoublay, France)

September 2022 - August 2024

Network Systems administrator - Part-time

- Contributed to IT projects planning, including system upgrades, data migration, and the configuration and deployment of new network devices and IT systems; Diagnosed and resolved network issues.
- Onboarded over 300 new employees by creating user accounts in IdM UI/Active directory, granting access, and configuring IT equipment (laptops, desktops, servers, VMs, and iPhones).
- Delivered training sessions for more than 1,000 employees at CLAAS France on various Microsoft 365 technologies, including Forms, Power Automate, and Scheduling Poll.
- Presented the Access Control and Provisioning process to the internship program team, detailing the Identity Management (IdM) system and protocols used (SAML, SCIM and OAuth), and the integration of key components (SAP, Active Directory, Okta, AAD, IdM UI, REST APIs). A detailed Internship report is available upon request.

Perfect System (Paris, France)

May 2020 - December 2021

Network Technician - Intern, October 2021 - December 2021

- Provided end-users support and resolved network connectivity issues.
- Configured network services and connected over 30 monitors to the Corporate network.

Computer Assistant - Intern, May 2020 - July 2020

- Delivered 1st level troubleshooting support for customers experiencing issues with their devices, including mobile applications, and computers (laptops & desktops).

PROJECTS

January 2025: Stegano-Application, [GitHub Code](#), (Python, GUI) - Personal project

- Build a GUI-based program that conceals messages or files within images using steganography techniques.
- Implemented the Least Significant Bit (LSB) method to preserve the image's visual integrity.

December 2024: Password-manager, [GitHub Code](#), (Rust, OpenSSL, SQLite, SQLCipher, PBKDF2) - Personal project

- Conceived a password manager tool for educational purposes, explaining the entire process of encryption/decryption.

November 2024: Network Scanner, (Rust, TCP/IP, Socket, Multi-threading, Low-Level Optimization) - Personal project

- Designed and implemented a high-performance CLI tool for scanning open TCP ports on a target machine.
- Utilized low-level socket programming and network protocols for efficient packet processing.
- Developed a multi-threaded version to enhance performance and scalability, improving scan speed.

October 2024: Automated Serverless Apps, (Function Apps, Service Bus, Blob Storage, .NET, PowerShell) - Personal project

- Designed and deployed a serverless architecture on Microsoft Azure, integrating two Function Apps interconnected via Azure Service Bus for automated image processing.
- Automated infrastructure deployment using Azure DevOps Pipelines, including validation, build, and deployment.
- Integrated PowerShell scripting to automate connection string management for Azure Blob Storage and Service Bus.

June 2024: Lab for Active Directory Pentesting (*Active Directory, ESXi, VMWare, Kali Linux, PowerShell*) - Team project

- Designed and set-up a virtual lab (testing environment) for pentesting training, comprising two Active Directory forests and three domains configured with vulnerabilities affecting various services.
- Provided a tailored training for amateur and professional pentesters to enhance their AD pentesting skills.
- Configured services including MSSQL, ADACS, ADDS, Kerberos, IIS, certificate, DHCP, VPN, GPO, and Website.
- Developed scenarios for executing various attacks, including Golden Ticket attack, NTDS dump, MSSQL trusted link, Kerberoasting, ACL, PKI, SMB account hacking, Password Spray, and anonymous enumeration.

May 2024: OFDM (*Python, Jupiter*) - Personal project

- Developed a simulation of Orthogonal Frequency Division Multiplexing (OFDM) modulation, demonstrating how Orthogonality enables signals to be divided and superimposed within the same frequency range by the transmitter.
- Simulated signal transmission over a noisy channel and achieved successful recovery by the receiver with a binary error rate less than 1.00%.

March 2024: CTF Platform for Web Pentesting (*Visual Studio, Virtualization, LAMP (Linux, Apache, MySQL, PHP), HTML5, CSS3, Kali Linux*) - Team project

- Assisted in designing a Capture The Flag (CTF) platform to enhance web penetration testing skills.
- Implemented scenarios of various web attacks, including identification and authentication failures, broken access control, SQL injection, CSRF, file upload, file inclusion, XXE, SSRF, and XSS.
- Gamified the pentesting experience by implementing flags for vulnerability discovered, enabling team members to advance to subsequent levels.
- Created a dynamic scoreboard displaying user scores and rankings, calculated based on the lab completion time and the number of flags captured.
- Developed a challenging final level involving hacking a camera in a secret room to locate the ultimate flag.

February 2024: Android Application for Tracking Student Attendance (*C, Java, Android Studio, sockets*) - Team project

- Developed a client/server protocol for efficient information exchange.
- Designed and implemented the client/server architecture of the application.
- Implemented functionality to generate a CSV file at the end of each session, maintaining a detailed record of attendance entries.
- Created an intuitive UI allowing users to swipe the "Student Rooster" icon to mark students as present or absent.

December 2023: Numeric Modulation (*Python, Jupiter*) - Personal project

- Simulated and presented the transmission of binary data through a communication channel, including emitter and receiver models for PAM, ASK, and QAM modulation, using Python.

CERTIFICATIONS/TRAINING

CCNA - CISCO Certified Network Associate, *CISCO*; Certification Expected in April 2025

TOEFL iBT - *ETS*, February 2025

CCNA Security/ R&S - *CISCO Networking Academy*, July 2024

CISA - Trained on Certified Information Systems Auditor, *ISACA*, April 2022

EXTRACURRICULAR ACTIVITIES/VOLUNTEERING/COMPETITIONS/HONORS

Pitch ton stage: *Public speaking competition*, April 2025 (Quebec, Canada)

Scientific Poster Competition: *Presentation of "Numeric Modulation: PSK"*, February 2025 (Quebec, Canada)

Mystery Movie Club: *Founder*, January 2025 - April 2025 (University of Quebec at Chicoutimi, Canada)

Program Committee: *Member*, December 2024 - April 2025 (University of Quebec at Chicoutimi, Canada)

Cybersecurity competition committee: *Founder*, November 2024 - April 2025 (University of Quebec at Chicoutimi, Canada)

Débat ta langue: *Public speaking competition*, November 2024 (Quebec, Canada)

Honors: *Recognized among the top-ranked students in the class*, January 2024 (University Paris-Saclay, France)

Oeshixa: Organized refugee charity event (Paris, Aug 2022) with 500+ attendees, raising \$5K+ for donations.

Dover Street Market for "Future Shock" exhibition: *Imruh Asha's Stylist assistant*, September 2021 (Paris, France)

Ridden House: *Volunteering as a painting Art tutor for children and organized an exhibition*, August 2021 (Tunis, Tunisia)

L3lab Shop: *Launched an online retail store selling clothes, generating over \$10,000 in profits*, 2020 - 2021 (Paris, France)

QUALIFICATIONS/SKILLS

- Strong project management skills supporting complex, multi-disciplinary projects, including collaboration with internal stakeholders, project planning and prioritization, and reporting on project deliverables to the Leadership team, ensuring deadlines are met.
- Proven ability to motivate and train team members and collaborate with senior teams to achieve IT department goals.
- Comprehensive knowledge of IT infrastructure, networking, telecommunications, business applications, and Access and Identity Management (IdM/IAM), cryptography, and penetration testing tools.
- Cybersecurity principles: ISO, NIST, OWASP, MITRE ATT&CK, PCI, Privacy Act (PII), GDPR, SOX, COBIT, ITIL, and others.
- **Technologies:** AWS, VMware, Docker, Ansible, AzureDevOps, Cloud, AD, Windows Server, Linux, MySQL, Git, RADIUS, DMZ, Certificate Services, Kali Linux, WireShark, Burp Suite, API REST, Data Structures, Network Protocols, ACL, VPCs
- **Programming Languages:** Python, Java, C, C++, Rust, PHP, HTML, CSS, JavaScript, SQL, PowerShell