

EL MASDOURI Achraf

Offensive Security Engineer · Red Teamer at OpenAI · Ranked 2nd at RAISE YOUR HACK 2025

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Experiences

Red Teamer

Remote, Paris, France

OPENAI

Jan. 2024 - Present

- Contributed, as a contractor, to the safety evaluation of 20+ pre-release frontier models, identifying critical vulnerabilities across Operator, RFT API, and image generation systems.
- Consistently recognized as a high-impact contributor across red-teaming engagements, focusing on adversarial prompt injection and policy bypass techniques.
- Acknowledged as a red teamer in OpenAI's Operator System Card (2025).

Security Engineer

Paris, France

ACCOR SA

Oct. 2022 - Present

- Conducted 100+ pentests on critical infrastructure (payment, reservation systems) and managed Accor's bug bounty program by triaging reports, advising fixes, and tracking remediation.
- Designed secure architectures for multiple Accor solutions and built security pipelines (SAST + dependency analysis) across 2k+ projects.

Penetration Tester

Remote, Paris, France

INTELLISECSOLUTIONS

Jul. 2024 - Present

- Conducted 40+ penetration tests across critical infrastructure including banking systems, government platforms (Québec), and enterprise networks.
- Performed Active Directory assessments on high-stakes environments, including Quebec's 911 emergency services and other critical government systems.
- Executed web application and network segmentation assessments, identifying security gaps across highly regulated industries.

Part-time Freelance DevSecOps Engineer

Remote, France

CRYPTONOVAE

Mar. 2022 - Oct. 2022

- Orchestrated the complete migration of Cryptonovae's infrastructure from Heroku to AWS.
- Improved endpoint performance by implementing multi-layered caching strategies based on instrument, pair, and time combinations.
- Rewrote E2E and integration tests for critical functionalities and continuously pentested the application to strengthen its security posture.

Orange Innovation

Rennes, France

CLOUD & EDGE INCIDENT RESPONSE

Feb. 2022 - Aug. 2022

- Implemented attacks on cloud & edge computing infrastructure (k8s, k3s) and automated intrusion response via Falco alerts.
- Researched FaaS-based architectures (Falcosidekick, Cloud Functions, Knative) and developed a modular Golang engine for automated intrusion response in GKE and ArgoCD infrastructures.

SAP Labs France

Mougins, France

IOT SECURITY RESEARCHER

Apr. 2021 - Oct. 2021

- Developed the first proof of concept of a TEE-based functional encryption system on Nvidia Jetson AGX Xavier.
- Built secure applications on Trusty OS based on the "Iron: Functional Encryption using Intel SGX" architecture by Ben Fisch and Dan Boneh.

Skills

Offensive Security	Red Teaming, Pentesting, Adversarial Prompt Injection, Policy Bypass, Active Directory, Web App Security
Tools	Burp Suite, Metasploit, Nmap, Nessus, Frida, BloodHound, Impacket, Cobalt Strike, Nuclei, Falco
Cloud & DevSecOps	AWS, GCP, Kubernetes (k8s/k3s), Docker, ArgoCD, CI/CD Security, SAST, Dependency Analysis
Programming	Python, Golang, C/C++, Java, JavaScript, TypeScript
Databases	MySQL, PostgreSQL, MongoDB
Languages	English (Fluent), French (Fluent), Arabic (Fluent)

Education

Eurecom

Biot, France

MASTERS 2 IN CYBER SECURITY (SPECIALIZED YEAR)

Oct. 2021 - Jul. 2022

- Courses: Advanced Networks/Systems Security, OS Architecture, Mobile Security, Communications Security.

IMT Atlantique

Rennes, France

ENGINEERING DEGREE (DIPLÔME D'INGÉNIEUR) – CYBER SECURITY

Sep. 2018 - Jul. 2021

- Courses: Network Security, Systems & Application Security, Risk Analysis, Secure Programming, Object-Oriented Programming, Data Structures.

Honors & Awards

2025	Rank 2 , RAISE YOUR HACK – Qualcomm Track	<i>Paris, France</i>
2021	Rank 73/1200 , SANS France CTF Event	<i>Biot, France</i>
2020	Top 600 in the world , Hack the box platform	<i>Rennes, France</i>
2018	Double Excellence Grant , By the French Government and the OCP group (Moroccan Government)	<i>Brest, France</i>