



Meribout Ahmed
Yahia
Master 2

Versailles, Yvelines, Île-de-France

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<https://ahmedmbt.uk>

Skills

Programming Languages

Python, C, Golang, PHP, Java, JS, Dart, SQL, Git, Haskell

Technologies

React, MongoDB, Node.js, Express.js, Tailwind, Flutter, Android Studio, Docker, Windows Active Directory, Maven, Oracle, GNS3/PacketTracer

Soft Skills

Motivated, Creative, Communication, Curious, Collaboration & Teamwork, Continuous Learning, Time Management, Problem Solving, Critical Thinking, Attention to details

Certifications

CompTIA Security+ ce SY0-701
2024

Cisco CCN1v7 Introduction to
Networking
2021

Cisco CCN2v7 Switching,
Routing, and Wireless Essentials
2022

Ultimate AWS Certified Solutions
Architect Associate SAA-C03
Udemy
2024

Languages

English C1

French C1

Arabic Native

Profiles

[Ahmed Yahia Meribout](#)

[AhmedMeribout](#)

Education

Faculté des Nouvelles Technologies de l'Information et de la Communication (NTIC) October 2020 - June 2023
Compute Science Licence
 [More information](#)

Paris-Saclay September 2023 - Current
SÉCURITÉ DES CONTENUS, DES RÉSEAUX, DES TELECOMMUNICATIONS ET DES SYSTÈMES Master 1 ,Master 2
 [More information](#)

Projects

Ransomware

Developed a ransomware program that uses DLL hijacking, ASCON encryption for file locking, and RSA for managing encryption keys. Implemented measures to resist forensic analysis.

Cryptography, Key management, C

Twitter-Retro

Developed a secure Twitter clone using the MERN stack (MongoDB, Express.js, React.js, Node.js), with essential features such as posting, recommendations, and real-time chatting, while ensuring the security implementations of these features through authentication, authorization, and data encryption.

VPS, CI/CD, React, Tailwind, Nginx, Express.js

Differential cryptanalysis on DES

Developed a program using differential cryptanalysis to find DES keys in $O(2^9)$ time, supported by a paper explaining the theory and method.

Cryptography, Python

Terminal File Manager

Developed a file manager application using Java and Maven, accessible via the terminal, featuring basic commands such as copy, paste, cut, and directory creation. Implemented functionality for undoing operations and logging them.

Apache Maven, Java, Design Patterns

Healthcare application with doctor web interface 2023

Developed a secured smart healthcare app in Java featuring speech-to-text and text-to-speech functionalities along with quick diagnosis utilizing the Wikipedia API for disease information, QR code scanning, daily health tips, maps for locating healthcare facilities.

And a web interface for doctors to manage patient information, send messages, and provide descriptions via digital documents.

Expert system, Java, Android Studio, Gradle, PHP

Volunteering

Google Developer Group Constantine 2022 - 2023
Part of the developer team , Co - Organizer