

BOUBEKIR Lounes

Full-stack Developer & Puzzle Designer

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[My Blogger](#) [geeksforgeeks](#) [R⁶ researchgate](#)



Professional Experience

Puzzle Designer, UNMZIT

10/2023 - present

Creating engaging and challenging puzzles for entertainment and educational purposes.

Full-stack Developer

skilled in front-end and back-end technologies ,
Experienced in creating responsive web applications

Benevolent Math Teacher, ASTU

2020 - 2024

committed to helping underserved students build their math skills through engaging lessons and support.

Cryptography Specialist, SIGNE ME

Expert in cryptographic techniques and security protocols to ensure data protection.

Projects

Problem Solving Website "UnmZit"

10/2023 - present

a website aimed at general problem-solving. Designing and developing the site using modern web technologies, while implementing features to enhance problem-solving capabilities and user interaction.

RSA Digital signature

present

Developed an RSA digital signature system to ensure data authenticity and integrity, implementing secure cryptographic algorithms and key management techniques.

π Hash Algorithm

2023 - 2024

Developed a novel hashing algorithm based on the mathematical constant pi for secure data hashing in cryptographic applications. Implemented the algorithm to ensure data integrity and confidentiality in various cryptographic scenarios.

References

Mathematics Educator | Secretary General, ASTU
tiddukla.astu@gmail.com, +213 676 36 51 99

Founder, Vice President, Leader of Team, Crypto club
cryptoclubusthb@gmail.com

Skills

JavaScript , C & Python Programming ● ● ● ● ●

Proficient in developing efficient and robust software solutions

Algorithm Designing & Problem-Solving: ● ● ● ● ●

Experienced in designing and implementing efficient algorithms to solve problems.

Digital Signatures & Hashing ● ● ● ● ●

Experienced in creating and verifying digital signatures


CANVA , GIMP & Adobe Photoshop: ● ● ● ● ●

Copetent in graphic design and image editing using GIMP and Adobe Photoshop.


Documentation & LaTeX ● ● ● ● ●

Expert in LaTeX for creating professional-quality documents, including academic papers and technical reports.

Organizations

Crypto Club | USTHB, Founder, Vice President, and Leader of Cryptography Team 

2022 - present


Trait d'Union Scientific Association, Secretary General 

2020 - present

Usthb.readers, Graphic Designer 

2021 - 2022

Publications

Analysis and Design of a Hashing Algorithm 

Education

University of Science and Technology - Houari Boumediene,

Bachelor of Algebra and Cryptography

2021 - 2024