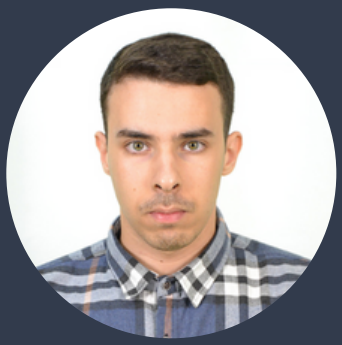

KALACHE ABDENACEUR

Recent graduate with a Master's degree in Computer Science.

Passionate about Computer Science | Recent graduate with a Master's degree in Computer Science Actively seeking opportunities.

CONTACT ME AT

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Github
https://github.com/devnacer

Portfolio
https://devnacer.github.io/portfolio_kalache/

EDUCATION

Professional Master degree(BAC +5) in Systems engineering and web technologies
University Yahia Fares of Médéa | July 2023

Bachelor in Computer Science (BAC + 3): Information Systems
University Yahia Fares of Médéa | July 2023

Language

Arabic: native language
French: Full professional proficiency
English: Professional proficiency

WORK EXPERIENCE

- **July 2018 - June 2019**
  NOTEBOX I Médéa
  Sale and maintenance of computer equipment.
  -polyvalent (Computer and laptop repairs, sales of all types of computer equipment)

- **October 2023- Present**
  Freelance in web development: Please take a moment to review my portfolio to explore the freelance assignments I have undertaken.

SKILLS

Web Programming: HTML/CSS, JAVASCRIPT, SCSS, PHP, PhpMyAdmin, bootstrap, REACT(basics), Laravel(beginner)

Databases: MySQL

Information system conception: UML

Programming: Python, JAVASCRIPT, PHP(POO, MVC, SQL...)

Virtualisation: VirtualBox

Operating systems: MacOs, Windows, Linux

Others: Github, microsoft project, Latex

Operating System Installation: Proficient in the installation and configuration of operating systems, including various versions of Windows, multiple Linux distributions, macOS, etc.

Computer Hardware Repair: Intermediate proficiency in repairing and maintaining desktop computers, laptops, and related hardware.

UNIVERSITY PROJECTS

Final Year Thesis Project: Implementation of a Symmetric Key Cryptosystem Based on DNA

University Yahia Fares of Médéa | 2023

In summary, this study aims to propose a DNA-based cryptosystem designed to overcome the limitations of current cryptographic systems by offering a balance between speed and security. The project seeks to address existing gaps in cryptographic techniques and provide an innovative solution to meet the increasing demands for data confidentiality and secure communication processing.

Skills and Knowledge Acquired:

Cryptography: Gained in-depth skills in cryptography, including an understanding of symmetric and asymmetric cryptosystems, key sizes, encryption and decryption algorithms, key generation, and comparison with other work in the field. Familiarity with common attacks and associated security measures.

Design and Implementation: Designed and implemented DNA-based cryptography systems, including the creation of schemas and computer code for the implementation of these systems.

Research Methodology: Developed research skills, including data collection, relevant data analysis, and the application of research methodologies specific to the field of cryptography.

Results Communication: Developed the ability to effectively write detailed research reports and communicate results in a clear and comprehensible manner.