Abdelhalim Kamrani

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OBJECTIVE:

Highly motivated computer science Ph.D. candidate with a research focus on image encryption seeking a postdoctoral fellowship opportunity to contribute to cutting-edge research and advance knowledge in the field.

EDUCATION

Ph.D. in Computer Science [Expected July 8th 2023]
Faculty of Science and Techniques, Fes, Morocco
Research focus: Image Encryption

Master of Science in Computer Science [June 2016]
Faculty of Science and Techniques, Fes, Morocco

Bachelor of Science in Computer Science [July 2014]
Faculty of Science Dhar El Mehraz, Fes, Morocco

PROFESSIONAL EXPERIENCE:

Web Integrator Consultant [Jul 2016- Jan 2021]
ALTEN, Fes, Morocco

- Collaborated with cross-functional teams to determine project requirements and technical specifications
- Translated web design mockups into responsive HTML, CSS, and JavaScript code
- Developed and maintained web templates, style sheets, and layouts to ensure consistent branding and user experience across all pages
- Tested and debugged websites to ensure optimal performance, compatibility, and accessibility
- Integrated third-party APIs and plugins to extend website functionality and enhance user experience
- Provided technical support and troubleshooting assistance to clients and internal teams
- Stayed up-to-date with emerging web technologies and best practices to continuously improve website performance, security, and usability

REASEARCH EXPERIENCE

Ph.D. Research [2016 - Present]
Faculty of Science and Techniques, Fes, Morocco

- Conducting in-depth research on image encryption algorithms and techniques
- Investigating novel approaches to enhance the security and efficiency of image encryption methods
- Analyzing and evaluating the performance of existing encryption techniques through experiments and simulations
- Published:
  - A new set of image encryption algorithms based on chaos and orthogonal moments Multimedia tools and applications, Jul 7, 2020
- Accepted for publication:
  - A framework for privacy preserving medical content-based image retrieval International Conference on Advances in Communication Technology and Computer Engineering, Jul 28, 2022
  - Selective encryption for textured images based on Tchebichef moments The 5th International Conference of Computer Science and Renewable Energies, Jul 28, 2022
  - Efficient selective image encryption based on chaos and Tchebichef moments International Conference on Advances in Communication Technology and Computer Engineering, Jul 28, 2022

SKILLS

- Strong problem-solving and analytical skills
- Excellent communication and collaboration skills
- Research expertise in image encryption algorithms and techniques
- Knowledge of front-end frameworks such as React, Angular, and Vue.js
- Familiarity with back-end technologies such as Node.js, Express.js, and MongoDB

CERTIFICATIONS

- Google Data Analytics, Coursera   July, 2022
- EMC Academic Associate, Data Science and Big Data Analytics   Nov, 2018