

Dr.Ahmed BOUHOUTA

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Summary

Researcher and technical leader with +20 years of combined experience in industry and academia. Ph.D. in Electrical Engineering from the University of Medea in Algeria. The International Chief Engineer Certificate of Competency in Marine Engineering from the ISM Bousmail Maritime Institute, Tipaza, Algeria, in 2005 (TOP OF THE CLASS). Currently Researcher in Electrical Power Control Systems at the University of Medea. I'm also working as a Chief Engineer for the Arzew Port Company since 2005, Arzew, Algeria. My current research interests include power quality systems, power electronics, artificial intelligence controllers, renewable energies systems, photovoltaic grid integration, wind/PV energy integration in marine engineering and ships.

Skill Highlights

- Laboratory researcher in Electrical Engineering and Automatic
- Strong experience in: Artificial Intelligences implementation, Photovoltaic and wind energy-based systems, Power Electronics
- Perfect knowledge of hardware implementations (dSPACE-sensors-power converters-Measurements)
- Well-versed in numerous programming languages MATLAB-WEKA-HOMER-CONTROLDESK-Siemens STEP7
- Complex electrical problems solver

Experiences

Chief Engineer Officer for the Arzew port company in Algeria - **06/2005 until now**

Laboratory Researcher at the University of Medea in Algeria- **2017 until now**

Education and Academic degrees

1-Electrical Engineer degree (Electrical machines): Mohamed Boudiaf University, Oran, Algeria **2000**

2-Marine Engineer degree: ISM Bousmail Maritime Institute, Tipaza, Algeria, in **2005 (top of the class)**

3-Doctorate degree (Electrotechnical and control systems): Medea University, Medea, Algeria **2022**