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**Farouk HADJ BENALI**

BP 1965 SAIM Mohamed Oran (Algeria)

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[farouk0409@hotmail.com](mailto:farouk0409@hotmail.com)

30 years old - married

**PHD.**

Several years of extensive training in the field of electrical engineering with a rewarding research activity. Motivated, autonomous and eager to join a growing business

**◾ EXPERTISE AREAS ◾**

Electrical engineering and control of electrical machines (power electronics) - Static converters (DC-DC, DC-AC, AC-AC)

Active filters (reactive instantaneous power control)

UPS (rectifier chargers, inverter, storage battery)

Maintenance of locomotive diesel-electric.

Fourier series - method of finite elements in static.

**---------------------TRAINING-----------------------------------------------------------------------------**

**2012 – 2018 Phd in electrical engineering – University of sciences and technology, Oran.**

**2010 – 2012 Master’s degree in electrical engineering (actuators and control) – USTO, Oran**

**2007 – 2010 Three-year university degree in electrical engineering – USTO, Oran**

**2004 – 2007 High school diploma – Lycée El Hayat, Oran**

**---------------------PROFESSIONAL EXPERIENCE------------------------------------------------**

**2012 – 2012 Trainee SONATRACH**

**Preventive and curative maintenance of electrical installations at the**

**Arzew crude oil arrival Terminal.**

**2016 – present National Railway Transport Company (SNTF)**

**Maintenance of diesel-electric locomotives**

**--------------------FURTHER INFORMATION-------------------------------------------------------**

**Research work**

01 international publication ( IJPEDS journal indexed SCOPUS)

01 international publication ( JEE journal indexed SCOPUS)

01 international publication (IJAAS journal)

01 international publication (IJEECS journal indexed SCOPUS)

01 international publication (IJECE journal indexed SCOPUS)

01 international publication (JJEE journal)

01 acceptance in an international conference (Monastir, TUNISIA)

01 international communication (CEE’2016 université de Batna)

01 international publication (IJLES journal)

**Computer science**

Windows environment, PowerPoint, Excel, Word, Internet

Software: PSIM, MATLAB PDE TOOLBOX.

**Languages**

**Arabic. French. English: average level.**

**Leisure**

Jogging, cinema, reading.