



SAIDI Afef

Ph.D. Student in Electrical Engineering

Nationality: Tunisian

Date of birth: 18- 07-1986

Mobile : +216 53 579 147

E-mail : afef.saidi@ept.rnu.tn

STUDIES

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| Since December 2017 | Ph.D. Student at the National Engineering School of Carthage (ENICarthage) in the Advanced Systems Lab (LSA), Tunisia Polytechnic School (EPT). University of Carthage.
Thesis title: « Exploring Parallel Architectures for Implementing Classification algorithms » |
| 2015- 2017 | Research master's degree in Biophysics, Radiophysics and Medical Imaging.
Higher Institute of Medical Technologies of Tunis (ISTMT), University of Tunis El Manar and in Advanced Systems Laboratory (LSA) Tunisia Polytechnic School(EPT).
Decertation title: « FPGA Implementation of EEG Signal Analysis System for the Detection of Epileptic Seizure ». |
| 2013-2014 | Bachelor's degree in Process Engineering.
Higher Institute of Technological Studies (ISET) of Sidi Bouzid, Tunisia. |
| 2005-2008 | DUT (Diplome Universitaire de technologie) in Medical Electronics.
Higher Institute of Medical Technologies of Tunis (ISTMT).
End of studies project's title: "Analysis system of a hemodialysis generator by the PIC microcontroller PIC 16F877". |
| June 2005 | Baccalauréat in Mathematics.
Secondary school El Manar Kasserine (Tunisia). |

WORK EXPERIENCE

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| Sept – Dec 2018 | Higher Institute of Information and Communication Technologies (ISTIC): Teaching Assistant, Dept Industrial Information Technology |
| June – September 2012 | Regional Hospital Sidi Bouzid Tunisia: voluntary internship |
| November- March 2010 | Regional Hospital Kasserine, Tunisia: voluntary internship |
| Oct 2009 - Oct 2010 | Computer Graphic Design Company: Internship in Professional Life |
| July 2005 | University Hospital Tahar Sfar Mahdia, Tunisia: summer internship |

WORKSHOPS

- 28-30 March 2018 Participation in the workshop “International Workshop Deep training in Deep learning” in Sousse-Tunisia.
- 25-29 June 2018 Participation in the second edition of Data Science Summer School (DS3) at the École Polytechnique, Palaiseau - France.

PUBLICATIONS

- 22-25 March 2018 **FPGA Implementation of EEG Signal Analysis System for the Detection of Epileptic Seizure**
Afef SAIDI, Slim BEN OTHMAN, Wafa KACEM and Slim Ben Saoud
In 2nd International Conference on Advanced Systems and Electrical Technologies (IC_ASET'2018), pages 415-420, Hammamet, Tunisia.

ACTIVITIES

- 25 April 2018 Participation in Coaching at the event of E-Health Challenge Tunisia 2nd edition.
- 28 July – 3 August Trainer at the First Camp of Scientific and Technological Immersion on the "Internet of Things" IOT dedicated to high school students (aged 15-18) at the IMEF korba.

COMPUTER SKILLS

- Software: Matlab, Vivado, SDK, CodeBlocks, Solid Works, ISIS, XILINX ISE, Anaconda, Adobe Illustrator.
- Programming languages: C, Python, C++, php, SQL, Java.

LANGUAGES

Arabic: Native
French: Fluent
English: Fluent