Rania MAALEJ

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Eportfolio: https://raniamlj.github.io/eportfolio/

QUALIFICATIONS

2013-2018 : Phd Student
- Specialty: Computer Systems Engineering.
- Establishment: National School of Engineers of Sfax, Tunisia (http://www.enis.rnu.tn/)

2008: Master 2
- Specialty: Automatic and Industrial Informatics (Option: Computer Systems and Mechatronics).
- Grade: Excellent.
- Establishment: National School of Engineers of Sfax, Tunisia

2006: Diploma in Computer Engineering.
- Specialty: New Communications Technologies.
- Grade: Good.
- Establishment: National School of Engineers of Sfax, Tunisia

2003: The general university degree
- Specialty: Mathematical Physics.
- Institution: Preparatory schools of Engineers of Sfax, Tunisia

2000: Bachelor: Mathematics
- Grade: Good

PROFESSIONAL EXPERIENCES

2017-Present: Senior Professor Emeritus Faculty of medicine of Sfax; University of Sfax Tunisia.

2013-2016: Developer engineer in the IT department Lomachines (http://lomachines.com/) Tunisia.

2015 : IREX and CNIPRE (Centre National d'Innovation Pédagogique et de Recherches en Education), Ministry of education ICT trainer / IT Consultant Tunisia.

2006-2017: Computer science teacher at Ministry of Education,Tunisia.

2006 The end-of-course internship,   IDERYET Sfax, Tunisia.

2005 Trainee   OXIA Tunis,Tunisia.

2004 Trainee   BG-TUNISIA.

2003 Trainee   IGL Distribution, Tunisia.

SCIENTIFIC AND TECHNICAL SKILLS

- Programming languages: Python, Java, .Net .
- Front End: JavaScript, HTML5, CSS, React, Redux, jQuery.
- Multimedia : Adobe Photoshop, Adobe Première, Inkscape,...
- Operating systems : MS-DOS, Windows, Linux.
- Database language: SQL, PLSQL.
- DBMS: Mysql, SQL Server, PostgreSQL.
- Modeling Language: UML.
- Agile software development: Scrum
- CMS: Jomla, WordPress.
- Deep learning framework : Tensorflow; Torch.
- Cisco Certificate.

LANGUAGES

- Arabic: Mother tongue
- French: Fluent
- English: Fluent.
- Italian: Conversational

CERTIFICATIONS

- Lecturer certification during a training course in teaching didactics entitled "For a good teaching quality " -Faculty of Sciences of Sfax Tunisia FSS-
- Certification of a ICT trainer in digital pedagogy -Faculty of medicine of Sfax Tunisia FMS-

- Certification of a Teacher-Tutor "CEC Digital Pedagogy and Multimedia" -FMS-
- Certificate of organization of international conference. - ACIT'2017-
- Certificate of participation in the workshop "Application Development Platforms mobile "-FSS 2017-
- Attestation of attendance at the training "Arduino" -FSS 2017-
- Certificate of participation at the conference "Engineering Sciences for Biology and Medicine" -ESBM 2017-
- Certificate of participation in the conference "International Conference on Smart Monitored and Controlled Cities "-SM2C'2017-
- Certificate of organization of a hackaton "We challenge" -ENET'COM 2017-
- Certificate of participation "Big Data & Data Science" -ENET'COM 2017-
- Certificate "Trainer in ICT integration" and certificate "IT Consultant" IREX & CNIPRE 2015
- Certificate of participation in ATSIP spring school "Advanced Technologies for signal and image processing ", Monastir 2015
- Certificate of participation in the seminar "Internet Of Things" - CRIMTND Research Center SFAX 2015-
- Certificate of participation in the seminar "TIM'15" - CRIMTND SFAX Research Center 2015-
- Attendance Attendance at the English for Academic Purposes Training "Listing / Reading / Writing "- National School of Engineers of Sfax, Tunisia ENIS 2015 -
- Certificate of participation to the training "Cloud Computing" - RU SETIT & ATIHM 2015
- Certificate of Attendance at the seminar "Digital English Tunisia", Britsh Council 2015
- Certificate of Achievement in Training English Level 2 Bourguiba School Sfax 2014
- Attestation of attendance at the educational training provided by Dr. Saloua SAIDANE San Diego Mesa College California. -USA-, ISSAT MAHDIA 2013
- Certificate of participation in the seminar "WEb Technologies & Cloud Computing", ISET Sidi Bouzid 2013
- CISCO CCNA1 certified with a letter of honor - ISET SFAX 2013 -
- Attestation of attendance at the English for Communication course. Open School Sfax 2011
- Attendance Attendance at Spring University Pedagogy. ENIS 2009
- Certificate of competence in computer science "Master Teacher -Intel-", Sfax 2009
- Attestation of attendance at the English for Academic Purposes course, ENIS 2008
- Attestation of attendance at the "Pedagogical Training " course, ENIS 2007

PERSONAL INTERESTS
Volley-Ball, swimming, cooking, shopping, travels and discoveries.

LIST OF PUBLICATIONS

1. Maalej,R.,Tagougui,N., &Kherallah, M. (2016, Avril). Online Arabic Handwriting Recognition with Dropout Applied in Deep Recurrent Neural Networks. In 12th IAPR International Workshop on Document Analysis Systems (DAS 2016) pp. 418-421.
2. Maalej, R., Tagougui, N., & Kherallah, M. (2016, July). Recognition of handwritten Arabic words with dropout applied in MDLSTM. In International Conference Image Analysis and Recognition (pp. 746-752). Springer International Publishing.
3. Maalej, R., & Kherallah, M. (2016, September). Improving MDLSTM for Offline Arabic Handwriting Recognition Using Dropout at Different Positions. In International Conference on Artificial Neural Networks (pp. 431-438). Springer International Publishing.
4. Elleuch, M., Maalej, R., & Kherallah, M. (2016). A New Design Based-SVM of the CNN Classifier Architecture with Dropout for Offline Arabic Handwritten Recognition. Procedia Computer Science, 80, 1712-1723.