Ph.D. Hanen Akouaydi



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PROFESSIONAL EXPERIENCE

February 2013 – September 2015 — **Training Center L'horizon/ Quality Software Solution**

- Trainer (Android,PHP,C#) / Developer Mobile et Web

October 2012 – January 2013 — **Higher National School of Engineers of Tunis (ENSIT)**

- Substitute teacher

INTERNSHIP-STUDENT

October 2015 – Today — **Research Group on Intelligent Machines (Regim-Lab) (ENIS)**- Ph.D. Student

- **Handwriting recognition with Deep Neural Networks and Perceptual theories**

January – June 2012 — **Laboratoire de recherche du système et traitement signal (ENIT)**- Engineer

- **Mobile Development: Application for indexation of images on Mobile (Android, OpenCv, SQLite).**

July – September 2011 — **Cube 3D (Manouba)** –Student- Engineer

- **Virtual Reality: Simulation System of immersion for video game with Unity3D.**

February – Mai 2010 — **I-Way (Manar)**- Developer

- **Web : Human resources management application for I-Way (Symfony , PHp5, MySQL)**

July 2009 — **Higher National School of Engineers of Tunis (ENSIT)**- Student

- **E-Learning:** Scenarisation and integration of courses in the platform of E-Learning with Opale 3.0.

Publications

- **Android Application for handwriting segmentation using PerTOHS theory**:H.Akouaydi, S.Njah, A.M.Alimi, ICMV 2016, 5.
- **Decision Trees Based on Perceptual Codes for On-Line Arabic Character Recognition**:H.Akouaydi, S.Abdelhedi, S.Njah, M.Zaied, A.M.Alimi, ASAR 2017, 5.

COMPETENCES

Research domain	Pattern Recognition, Document Analysis, Handwriting Recognition, Deep Learning, Mobile, Virtual Reality.
Classification and modeling	SVM, HMM, Neural Networks, Genetic Algorithms, Fuzzy logic, LSTM, CNN, Decision Trees.
Programming languages	C/C++/C#, Java, Pascal, Python, Android, PHP, JSP, Java Script
Database	MySQL, SQLite, Oracle.
Other competence	Multi-culture working environment, good in presentation and communication.

LANGUAGES

Arabic	Mother tongue
French	Fluent
English	Fluent
Germany	Medium

PERSONAL INTEREST

Reading

REFERENCES

Prof. **Adel M. Alimi**

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