

Yacine Yaddaden

RESEARCH STUDENT (PH.D) · UQAR/UQAC - LIARA

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Education

UQAC (Université du Québec à Chicoutimi)

PH.D STUDENT IN COMPUTER SCIENCES

Chicoutimi, Quebec, Canada

September 2015 → Now

- Automatic facial expression recognition for ambient assisted living.

USTHB (Université des Sciences et de la Technologie Houari Boumediene)

PH.D STUDENT IN INFORMATION & COMMUNICATION TECHNOLOGIES

Bab Ezzouar, Algiers, Algeria

January 2013 → September 2015

- Development of new biometric methods.

USTHB (Université des Sciences et de la Technologie Houari Boumediene)

MASTER'S DEGREE IN ELECTRICAL ENGINEERING (Intelligent and Communicating Systems)

Bab Ezzouar, Algiers, Algeria

July 2012

- Design of an application for the restoration of old documents,
- Development of an application for the automatic recognition of handwritten signatures,
- Development of a method for the fusion of satellite images.

USTHB (Université des Sciences et de la Technologie Houari Boumediene)

BACHELOR'S DEGREE IN ELECTRICAL ENGINEERING

Bab Ezzouar, Algiers, Algeria

June 2010

- Design, simulation and realization of an analog-digital converter.

Skills

Programming	Python, C/C++, C#, JAVA & Matlab
Machine Learning	Scikit-Learn, Weka & RapidMiner
Deep Learning	TensorFlow, Keras, PyTorch & Torch7
Computer Vision	OpenCV, Scikit-Image & Dlib
Web Development • front-end	HTML5, CSS3, JavaScript, jQuery, Bootstrap & Semantic-UI
Web Development • back-end	Flask, PHP, SQL, J2EE & ASP.NET
System Scripting	Powershell (Windows) & Shell (Linux)
Database Management Systems	MySQL, SQLite, MS SQL Server & MangoDB
Operating Systems	MS Windows Server, Linux (Ubuntu & CentOS)
Virtualization	VMware Workstation, VMware ESXi, Oracle VM VirtualBox & Proxmox
Languages	French (Fluent), English (Professional), Berber (Mother Tongue) & Arabic

Experiences

Université de Laval

PROGRAMMER PYTHON/OTREE

Quebec, Canada

October 2018 → Now

UQAR (Université du Québec à Rimouski)

TEACHING ASSISTANT

Levis, Quebec, Canada

September 2017 → Now

- INF14107** • Architecture of computer systems,
- INF11107** • Object-oriented programming I,
- INF15107** • Databases I,
- INF38215** • Artificial intelligence,
- INF25207** • Databases II.

ICOSNET

HEAD OF SYSTEMS AND NETWORKS INFRASTRUCTURE DEPARTMENT

Algiers, Algeria

May 2015 → August 2015

ICOSNET

INFORMATION SYSTEM ENGINEER

Algiers, Algeria

January 2013 → May 2015

ICOSNET

QUALITY ENGINEER

Algiers, Algeria

August 2012 → January 2013

Writing

Facial Sub-region for automatic Emotion Recognition using Local Binary Patterns

Guelma, Algeria

AUTHOR

November. 2018

- DOI : 10.1109/SIVA.2018.8661026
- Conference: SIVA'18 - International Conference on Signal, Image, Vision and their Applications.

One-Class and Bi-Class SVM Classifier Comparison for Automatic Facial Expression Recognition

Medea, Algeria

AUTHOR

November. 2018

- DOI : 10.1109/ICASS.2018.8651969
- Conference: ICASS'18 - International Conference on Applied Smart Systems.

Hybrid-based Facial Expression Recognition Approach for Human-Computer Interaction

Vancouver, Canada

AUTHOR

Août. 2018

- DOI : 10.1109/MMSP.2018.8547081
- Conférence: MMSP '18 - International Workshop on Multimedia Signal Processing

User Action and Facial Expression Recognition for Error Detection System in an Ambient Assisted Environment

United Kingdom

AUTHOR

June. 2018

- DOI : 10.1016/j.eswa.2018.06.033
- Journal: Elsevier - Expert Systems with Applications

Facial Expressions based Error Detection for Smart Environment Using Deep Learning

San Francisco, United States

AUTHOR

August. 2017

- DOI : 10.1109/UIC-ATC.2017.8397536
- Conference: UIC'17 - Ubiquitous Intelligence and Computing

Facial Expression Recognition from Video using Geometric Features

Madrid, Spain

AUTHOR

July. 2017

- DOI : 10.1049/cp.2017.0133
- Conference: ICPRS'17 - International Conference on Pattern Recognition Systems

A New Approach of Facial Expression Recognition for Ambient Assisted Living

Corfu Island, Greece

AUTHOR

June. 2016

- DOI : 10.1145/2910674.2910703
- Conference: PETRA '16 - Pervasive Technologies Related to Assistive Environments

Ancient degraded document image binarization based on texture features

Trieste, Italy

COAUTEUR

September. 2013

- DOI : 10.1109/ISPA.2013.6703737
- Conference: ISPA'13 - International Symposium on Image and Signal Processing and Analysis