

Bassem SEDDIK



Actual profession: CTO of ViZmerald startup
University assistant professor

Date and place of birth: 24-10-1983, Tunisia

Total Professional experience: 17 years

Mobile phone N°: +216 24 444 208

Marital situation : Married, 2 kids

Email: bassem.seddik@gmail.com

Profile

- Strong background in computer vision and machine learning with application to human actions recognition,
- Experience teaching 2D/3D programming with application to games creation on the Unity game engine,
- Solid foundations in Web/mobile programming including Android/Hybrid, PHP/Symfony, JavaScript, etc.
- Attractive social, pedagogic and teamwork capabilities

Experience

Sep. 2020 to Sep. 2021

An international information Technology consultant

ORSYS and M2i centers, France,

- Teaching Fundamentals of the JavaScript and TypeScript languages
- Teaching the fundamentals of design patterns using the Java and C# object-oriented programming languages

Sep. 2018 to Sep. 2020

Participation to mounting of 2 international and 3 national projects

Different universities consortiums, Mediterranean universities

- An H2O-20 project on collaborative Robots
- An Erasmus+ capacity building project on Smart University
- A national VRR project for the concretization of an air filtering helmet,
- A national DGSE project for the improvement of the teaching quality
- A national joint research project on human operators working actions assessment in the textile industry

Jan. 2011 to May

Thesis work

LATIS laboratory, ENISo, Sousse, Tunisia

- Develop using C/C++, C#, OpenCV, python, Matlab, and V.S on Win/Linux
- Develop a multimodal solution for the recognition of human actions
- Recognize the sign language actions
- Propose a robust implementation of offering higher speed than the comparative literature methods

Jul.-Aug. 2015

A collaboration Project with a Mechanics specialized Lab.:

LMS laboratory, ENISo, Sousse, Tunisia

- Calibrate and control a Kuka robot to draw human faces on a white board
- Program graphically using the "GrassHopper" toolkit on "Rhino 3D"

From Sep. 2014 to Sep. 2017

Website administrator

ISET Kairouan, Tunisia,

- Establish of the CMS Joomla template, write articles, update components
- Develop a PHP/MySQL-based application

Jan. to Apr. 2012

Professional R&D collaboration

NaoSecurity French company, Sousse, Tunisia,

- Visual recognition of specific 2D-barcodes called "DmatCode"
- Program in C++ and OpenCV under V.S2010 a functional prototype
- implementation using the Objective C language for an iPhone version
- Produce a complete documentation report

Education

Ph.D. in Computer Vision & AI, 2017

Research Masters- 2009

Bachelor in computer science, 2006

	Spoken	Written	Read
English	Good	Very Good	Very Good
French	Very Good	Very Good	Very Good
Arabic	Very Good	Very Good	Very Good
Italian	Good	Average	Average

Certifications

July 2021, Six Sigma Yellow Belt

January 2021, Solidworks 3D surfacing

Mai 2019, 98-381 MTA Python fundamentals

June 2018, 98-375 MTA HTML5 apps. dev.

January 2018, ALECSO Web Apps badge

March & April 2017, Online Trainer Badges

"Teaching with Moodle"

"Planning Your Course"

March 2014, Stanford ML course

By Pr. Andrew Ng (Coursera online)

March 2011, Linux LPI Level I (101+102)

September 2010, Computer Technologist
success in the National examination

January 2009, IELTS academic
Score 7.5/9 (Good user)

Publications

Scientific productions: [\(Google Scholar\)](#)
[\(Research Gate\)](#)

- 1 impacted article
- 3 book chapters,
- 8 international conferences
- 2 national ones.

Scientific Participations:

- 3 competitions,
- 1 doctoral school
- 2 organizer of international manifs.
- 2 times IEEE Student branch head

Hobbies

- Drawing, basketball, DIY stuff.