CV

Qamar F. S. Alfalouji

PERSONAL DETAILS

– **Nationality:** Palestinian
– **Email**: qmff23@gmail.com

EDUCATION

– **The University of Padova**| **Italy** (10/2018 – Present) (**with Galilean school scholarship for excellence**)
   ICT for Internet and Multimedia Engineering | Master's degree

– **The Galilean school of superior education** | **Italy** (10/2018 - Present)
   Natural sciences | Higher diploma

– **Al Azhar University | Palestine** (09/2011 – 05/2016)
   – Computer and Communication Engineering | B.Eng Degree (**GPA: 91.63%**)

EMPLOYMENT HISTORY AND EXPERIENCES:

– **Machine learning master's thesis Intern | Sony** – Stuttgart – Germany (04/2020 – Present)
   • Developing master's thesis with title: developing an automatic (or semi-automatic) machine learning hyper-parameters tuning system.

– **Testing engineer and Researcher– part time |** BlueWind – Castelfranco – Veneto – Italy (07/2019 – 02/2020)
   • Write testing scripts for Telit cellular modules using C and python (ME910C1- LE910C1).

– **Summer School Intern | Google,** The Castle of the Metamorphoses, Rocca Sinibalda, Italy (July 2019).
   ● An intensive course about the design of systems for 1 billion users using cloud computing, and the challenges for these systems. Instructed by: Amer Diwan, Dan Ardelean, JJ Furman.

– **Full-Stack Web Developer** | Founders and coders-London in partnership from Gaza Sky Geeks, Palestine (10/2017 – 07/2018).
   • Back-end development; Node js, Express, MongoDb, PostgreSql.
   • Front-End development; java script and React js.

– **Computer Engineer** | WebCom Company **-** Gaza, Palestine (01/06/2016- 01/06/2017)
   • Web development using PHP and front-end programming languages.
   • Manage projects of developing e-commerce websites using NopCommerce platform.

PROJECTS AND RESEARCHES:

- **Machine learning projects | University of Padova**
  - MNIST Digit classifier using Pytorch and Python.
  - Speech recognition for words using TensorFlow and python.
  - Audio pieces classification using MATLAB.
  - Coin detection and classification using OpenCV, TensorFlow and Keras (C++ and python).
  - Image denoising Autoencoder.
  - Reinforcement learning application.

- **Big data Project | University of Padova, using Spark**
- **Network analysis Project**: implement the main concept in network analysis using MatLab.
- **Researcher student:** at the Sound and Music computing lab in the Information Engineering department

TRAINING COURSES

- **Full-Stack Web Development Training**| Founders and coders-London in partnership from Gaza Sky Geeks, Palestine (07/2017 – 10/2017).
- **Virtual job |** Palestine Education for Employment Foundation (PEFE)– Gaza, Palestine (35 hours, 20/9/2016 – 27/9/2016).
- **Workplace Succes**s | Amideast, Gaza City, Palestine (Summer 2011).
- **English language** | Amideast, Gaza, Palestine (36 hours, 01/09/2016 – 08/09/2016).
- **LabVIEW course** | Cultural Turkish center – Gaza - 40 hour, 20/8/2014 – 25/09/2014.

GRANTS AND ACHIEVEMENTS

- **Galilean School of Higher Education Scholarship| Università di Padova (2018-2020).**
  Scholarship to study master's degree at the University of Padova in Italy.
- **Hani Qaddumi Scholarship** Foundation which supports with an excellent degree, (2013 – 2016).
- Participated as an author for a scientific paper which published in World Wide Journal of Multidisciplinary Research and Development (WWJMRD) scientific journal with title 'Novel UWB wearable antenna'.

PROFESSIONAL SKILLS

- Computer Programming (Java, python, C++, JavaScript, MATLAB)
- Big data (Spark using java and python)
- Machine learning (CNN, RNN, TensorFlow, Keras, PyTorch, etc.., using python and MATLAB)
- Academic writing

LANGUAGES

- English (excellent), IELTS 6.5
- Arabic (native)
- Italian (basic)