

Karmel Shehadeh

Curriculum Vitae

Education

Dates:	2018 - 2022.
University:	Palestine Polytechnic University.
Degree:	Master of Informatics.
Taught Courses (Sample):	Software Engineering, scientific research, Networks, Intelligent Systems and many others.
Dates:	2013 - 2018.
University:	Palestine Polytechnic University.
Degree:	Bachelor of Computer Systems Engineering.
Taught Courses (Sample):	Algorithms, Data Structures, Digital Design, Embedded Systems Networks, Intelligent Systems and many others.
Dates:	2012 - 2013
Secondary School:	Arroub Girls Secondary School.
Activities:	Learn basic programming skills using Visual Basic.

Experience

Dates:	August 2018 – February 2023
Place:	Palestine Polytechnic University.
Knowledge acquired:	Instructor
Dates:	September 2021 – December 2021
Place:	Palestinian Central Bureau of Statistics
Knowledge acquired:	Programming / Technical Support

Trainings & Courses

Dates:	4 March 2023 – 31 May 2023
Place:	PITA- Palestinian Information Technology Association
Knowledge acquired:	Python programming language, learn how to use loops, conditional statements, advanced strings, and functions in Python. Also learn how to deal with files, directories, and different data structures such as (Lists, Tuples, Dictionaries, Sets, Arrays, and Queues). Using different libraries such as (os,

sys, Math, datetime, json, NumPy, Pandas, Matplotlib, Requests, Argparse, Regex, logging,). In addition to many important topics like Lambda, Generators, Flask, Program Design, Design Patterns, Exceptions, OOP, Test Driven Development (TDD), Unit Testing, and many more.

Dates: 2 June 2018 – 15 August 2018
Place: Bizlound Company.
Knowledge acquired: Learn how to deal with GitHub, using Angular and dot Net languages.

Dates: 8 January 2018 _ 11 January 2018
Place: Palestine Polytechnic University.
Knowledge acquired: Learn how to deal with GitHub, create a repository, push and pull a project

Dates: July 2017 – September 2017.
Place: Computer-Center at Al_ Zaytona University - Jordan.
Knowledge acquired: Learn basic networks programming and design and some Android application.

Dates: July 2016 – August 2016
Place: Universal Computer Tec.
Knowledge acquired: Have been training on hardware repairing and software maintenance for desktop PCs, laptops, smartphones and tablets in addition to some marketing and how to deal with costumers.

Publications

Dates: 14 July 2021
Paper Name: Semi-Automated Classification of Arabic User Requirements into Functional and Non-Functional Requirements using NLP Tools.
Summary: We propose a set of heuristics based on basic constructs of Arabic sentences in order to extract information from Arabic software requirements to classify the requirements into functional and non-functional requirements. This research aims to help software engineers by reducing the cost and time required in performing manual classification of software requirements.
Publisher: 2021 International Conference on Information Technology (ICIT). IEEE, 2021

Projects

- Dates:** September 2017– May 2018.
- Project Name:** Gas Source Localization with Mobile Robot (Graduation project).
- Summary:** Construct an intelligent system on a mobile robot. This system enables the robot to locate harmful gas sources in real environment, this project Programed by python, Arduino c, it builds on Raspberry PI microcomputer with Linux OS.
- Achievements:** This project got the second place in the seventh Students Innovation Conference in May 2018.And the fourth place in Research and Innovation Conference in Engineering / Palestine technical university.
- Dates:** March 2018
- Project Name:** Arduino Robot
- Place:** Project. PPU days.
- Summary:** Control an Arduino-Robot by mobile application using buttons, Accelerometer sensor.

Languages

Arabic Mother Tongue.
English Reading, Writing, Speaking.

Programming Languages

C, C++, Python, Java, Arduino C, Matlab, Android. In addition to be able to learn new languages and technologies quickly.

References

- Dr. Faisal Khamayseh**
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- Dr. Nabil Arman**
+ Palestine Polytechnic University, Hebron
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- Dr. Hashem Tamimi**
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