**Rimon H Mikhael *rimonmikhael@protonmail.com***

*Philadelphia | PA | 19116 | 215.275.0345*

**EDUCATION:**

* + Temple University, Fox school of business:
  + Portsaed University

**Information Systems Projects:**

Design, programming and implementation of X86 OS Kernel using assembly programming language 16-bit real mode, utilizing Vector tables and Resident memory and self-modifying code to act as a demonstration for the faculty of engineering associate degree milestone project.

* Designed, programming and implementation of a client-server application for robotic servo arm in python. Client service is running on a Linux SBC. Server installed on a windows environment using Tkinter GUI toolkit.
* Built KVM(PROXMOX) Cluster (3 Servers Dell Power-Edges) for Projects, including: Malware sandboxing, Malware analysis (IDA PRO, PEVIEW, PE EXPLORER, OLLYDBG), kali Linux (with metaespliotable machine), Windows 2016 server, FreeBSD (FreeNAS, Pfsense), Nextcloud, Docker, Kubernetes, and web development with Elemental OS and Cent OS.
* Programming Arabic Language Optical character recognition software with high accuracy, developed assembly native code classes for C for the OCR software for pattern recognition.

**Skills:**

* Software Development: Python, C/C++, Assembly(shellcode), Typescript and BASH
* Web Development: Angular 7 and Django
* Database Management: PostgreSQL
* Networking: Cisco Certified Network Associate (CCNA), VMware, LPIC Certified and Linux+ certified
* Artificial Intelligence: Python regression, nearest zone.

**Experience:**

**Kirtas Technologies,** Wallingford, Connecticut

*Image Technician* January 2008, May 2010

* Digitization of books from Yale University library, include Programming, scanning books using a robotic scanner automatically.

**Temple University,** Philadelphia, Pa

*Frontend Developer*September 2014, May 2015

* Programmed the password module and portfolio creation module and its communication with SQL Data base for Project E-Port, Designed the website using PHP CODE IGNITOR, the project was for student extracurricular activities in fox business school.

**Laboratory Cooperation of American,** Bristol, PA

*Lab Tech, IT* December 2016, June 2018

* Specimens Accessioning and Processing using SIS
* Volume approximately 500 – 550
* Deploying SIS, Virtual Machines (Citrix, VMware) and Network analysis.

**Quest Diagnostics,** Philadelphia, Pa*Cytology/Pathology Processor* June 2018, *Current*

* Volume approximately 150 – 200 Pathology daily.
* Fixing Leica pathology Cassette Printer, helping with multi linear regression project in Excel.

**Skills & Languages:** Arabic – Fluent, French – Intermediate, German – Beginner