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

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EDUCATION:

* + ***Temple University, Fox school of business:*** 
    - ***40 credits so far (Accounting, Management Information System), (Philadelphia, PA).***
  + ***Portsaid University:***
    - ***Bachelor Degree in Accounting & MIS (Portsaid, Egypt)***
  + ***Alexandria University:***
    - ***3 Years of training as electro-mechanical engineering training(Alexandria ,Egypt)***

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(Egypt).
* Designed, programming and implementation of a Client-server application for robotic servo arm in python. Client running on a Linux SBC. Server is on a windows environment using Tkinter.
* Programmed a win32 messenger application using C++ and Microsoft foundation classes that utilizes file transfer protocol (ftp) and sockets to send messages for communication in Bibliotheca Alexandria for intranet(Egypt).
* Programming Arabic language Optical character recognition software with high accuracy, developed assembly native code classes for C for the OCR software for pattern recognition(Egypt).
* Deployed Nginx reverse proxy server to load-balance traffic for 4 servers: 3d printer server, Nextcloud server, Esxi 6.5 server(Windows10pro, Pfsense, Ubuntu, Kali Linux offensive mod, FreeNas BSD).
* Design, Programming and Implementation of Computer vision for license plate numbers recognition using Tensor flow and Linear regression.

SKILLS:

Software Development: Python, C/C++, Assembly under 16 bit real mode

Web Development: HTML, PHP, Flash action script

Database Management: SQL lite,

Networking: CCNA, CCNP, Nginx and Linux administration, VMware, Citrix.

AI: TensorFlow, Linear regression, SciPy, Bellman and Q-learning, R

EXPERIENCE:

**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.

**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.

**RELIC Soft,** Philadelphia, PA

***Data science intern*** May 2016, May 2017

* Numeric and Facial recognition using AI technology.
  + Programming and Training Tensor flow modules for License place recognition using Python in a Docker Environment. Python and R data visualization.

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

***Lab Tech, IT*** December 2016, Current

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

SKILLS & LANGUAGES: Arabic – Fluent, French – Intermediate, German – Beginner