Curriculum Vitae

Personal Information

Name: Ahmed Ihab El Rawy
Phone: (+2) 01016198044
Date of Birth: 6/10/1996
E-mail: ahmed_elrawy_000@yahoo.com
Nationality: Egyptian
Military Status: **Postponed till 2025**
Address: Abbas El Akkad, Nasr City, Cairo

Education

University	Misr International University – Egypt (Graduated 2018)
Major	Computer Science
High school-2014	**Futures Language School, Cairo, Egypt**

Graduation Project

Title: NET-DPI: Network Traffic Monitor And Filter Using Deep Packet Inspection And Machine learning techniques.

Description: NET-DPI is an internet filter for an organization's network. It filters the organization's network traffic to achieve network resource optimization and a controlled environment set by its administrators. Most internet filters block entire websites if some or all of the website's content is deemed harmful/irrelevant; however, that means also blocking potentially beneficial content as well by default. NET-DPI blocks specific URLs based on their content.

Tools: Python, PHP, MySQL, Bash Script, Keras, sklearn, Html, JS, and linux.

Algorithms: KNN, Naïve Bayes, Decision Tree, SVM, CNN, RNN.

Coursework

Computer Programming & Problem Solving.
Data Structure & Algorithms I.
Algorithms Analysis & Design I.
Database Management Systems.
Object Oriented Programming.
Operating Systems I.
Web Development.
Computer Networks I.
Algorithms Analysis & Design II.
Software Engineering.
Image Processing.
BigData.
Artificial Intelligence I.
Data Mining.
Human Computer Interaction.

Mobile Device Programming Compiler Design. Parallel Programming. Computer Networks II.	

Programming Languages	
C++	Very Good
C++ OpenCV	Good
Java	Excellent
Java Android	Excellent
JavaScript	Good
MySQL	Excellent
PHP	Very Good
HTML	Very Good
Python	Very Good
Work Experience	**Time Period**
Big Data Internship in ITWORX. ITWORX	1 month
IT FedEx Egypt Express. FedEx	1 month
Web Development freelancer	2 projects

Achievement	Language(s)
Medical website	Html, PHP, CSS, JS, MySQL, JQuery
Chat system	Java
Compiler with	Python
Online Food Ordering and tracking	Android, Firebase
Recommender System	Django
Digital Thermometer	Arduino
Snake Game with Artificial Intelligence.	Java
Hide Virus in a picture	C++ openCV
Team Management Web Application for Nestle Waters Company.	Html, PHP, CSS, JS, MySQL, JQuery
Events website	Html, PHP, CSS, JS, MySQL
Maps	Android
Hospital System	Java

Soft Skills

- Interactive and fast enough to learn new technologies and Languages.
- Team player, self-learner and can work efficiently under pressure.
- Shares knowledge, responsibilities, and expertise with others easily and frequently.
- Balances own responsibilities with interests of team and/or department; Respects group goals.
- Combines different ideas to create something new or improve existing product.
- Good technical documentation writing skills.

Languages, References, Other.

Arabic: Excellent
English: Very Good
French: Fair

Hobbies & Events

Event Planning Member in IEEE Club.
Participant in AUC Tech Summit about Internet of Things.
Football.
Swimming.
Photography.

References

Eng. Ayman Ezzat
Assistant Professor at Misr International University
ayman.ezzat@miuegypt.edu.eg
http://www.hciegypt.com/ayman/

Other reference will be furnished upon request.