CURRICULUM VITAE

Mohamed Ayman

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SUMMARY

A computer science senior student with passion for developing innovative programs that can help and expedite the efficiency and effectiveness of software industry. I'm always looking for new ventures where I can get expertise, learn and evolve.

CAREER OBJECTIVE

Enhancing my development skills and career by working in creative teams in order to meet clients' requirements.

EDUCATION

Futures Language School, Cairo, Egypt (Graduated 2016)

Misr International University, Computer Science (2016 - 2020)
Senior Student

Courses included:

Operating Systems Design	Object-Oriented Development
Web Development	Relational Database Theory
C/C++ Programming	Software Engineering
Digital Logic Design	Data Structures and Algorithms
Algorithm &Analysis Design	Mobile Programming

EXPERIENCE

A visit to ITS company – May 2018
- Discussing how databases are managed in companies.
- Seeing and Discussing some codes and queries.

An internship at Egyptair company – August 2019
- The internship was focused on networks and how it's applied there.

UNIVERSITY PROJECTS

GRADUATION PROJECT: NEWS AGGREGATOR

My graduation project is called News Aggregator. News Aggregator is simply an online software which collects new stories and events around the world from various sources all in one place. News aggregator plays a very

important role in reducing time consumption, as all of the news that would be explored through more than one website will be placed only in a single location. Also, summarizing this aggregated content absolutely will save reader's time. The main goal of the project is to develop a news aggregator able to aggregate relevant articles of a certain input keyword or key phrase from trusted and determined sources and summarize all of the important articles to give the reader understandable summary. Another main task for the project is recommending aggregated/trusted articles to the user based on his input search keywords.

In parallel with implementation and testing phase of the project, there were other deliverables such as:
- Proposal document.
- SRS (Software Requirement Specification).
- SDD (Software Design Description).
- Final Document (Thesis).

Check here: http://miuegypt-001-site13.btempurl.com/news-aggregator/

Published paper entitled "News Aggregator and Efficient Summarization System" in *International Journal of Advanced Computer Science and Applications (IJACSA)*.

Paper link: https://thesai.org/Publications/ViewPaper?Volume=11&Issue=6&Code=IJACSA&SerialNo=77

Banking System – Fall 2017
- Tested enhancements to the Banking System.
- Developed prototype of all classes which serves the system. Program was written in Java.

Encryption/Decryption application – Fall 2018
- Web application that takes a string and encrypt it using collection of ciphers.

Automated Attendance System (Human Computer Interaction) – Fall 2019
- Designing the user interface in order to be easy to use.
- Following techniques that make user comfortable while using such application (Front-end wise).

EgyptToday Newspaper System_ Fall 2020:
- Newspaper website that enables the user to explore news.
- Website admin that can add, edit or delete articles and deal with users/readers.

Human Acts Charity System – Spring 2019
- Developing prototype of all classes according to the client's requirements and needs.
- Web application that covers most of Object Oriented Programming principles and Design Patterns.

Smart Student Attendance Mobile application_ Fall 2020:
- Through this android application, students will be able to take their attendance only by their mobiles through fingerprint.

PROGRAMMING LANGUAGES AND DBMS
- C/C++
- Java
- Python
- Web Development Languages (HTML, PHP, JavaScript, CSS, Bootstrap)
- Mobile Development Languages (Android Studio)
- MySQL
- Firebase

EXTRACURRICULAR ACTIVITIES
Information Technology member at MIU - Campaigners club, September 2019:
- Helped in the attendance system for members.

Co-assistant at Misr International University for Web Development course, Fall 2020:
- Helped students to implement web applications.

WORKSHOPS AND SESSIONS ATTENDED
- Aglile Development for enterprise Eng. Eman Mostafa (April 2017)
- Software Engineering for large Enterprise session with Eng. Shaymaa ElGandour (April 2019)
- User Experience Eng. Sherihan Fakhry (May 2019)
- Block Chain in banking sector Eng. Hesham Mohamed (March 2019)

LANGUAGES
- Arabic: Native
- English: Fluent
- French: Beginner

SOFT SKILLS
- Team Work.
- Communication and Presentation skills.
- Big-picture thinking.
- Willingness to learn.

HOBBIES
- Listening to music.
- Reading in various subjects; Novels, psychology and general knowledge.

REFERENCES
References Available upon Request