

Mariam Esmail Abdelkader

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OBJECTIVE

A highly motivated and ambitious fresh graduate seeking an opportunity in a reputable company in order to learn more and gain experience in the field of programming and Web Development.

EXPERIENCE

Egabi Solutions

Programming Trainee

August 2019 – September 2019

- Website using spring boot and React.

International Turnkey Systems (ITS)

Programming Trainee

August 2018 – September 2018

- Learned working on ISO8583 Message Parser

EDUCATION

Misr International University

- Faculty of Computer Science CURR GPA “2.75” September 2016 – Expected Graduation 2020

Noor Language school

- General Certification of Secondary September 2007 – July 2016

GRADUATION PROJECT

Analysis of Fish farm environment

- Fish farm environment strongly affects fish behavior and health. The proposed system serves this field by analyzing fish farm environment. The system is composed of Raspberry pi hardware circuit which is connected to sensors and camera. The sensors are responsible for examining water quality by measuring water temperature and rate of pH, while the camera acquires video frames for tracking fish movement and disease detection. Finally, the system sends a notification through android application to inform users of any improper farm conditions and any detected infections.

ACADEMIC PROJECTS

- Hotel system using java (NetBeans)
- Linked list with hospital patient records using C++ (visual studio)
- Current location using java (android studio)
- Implementation of cache memory using java (NetBeans)
- Bank system using PHP and database
- Website for Egyptian Red CRESCENT
- Bouncing Ball (Graphics OpenGL)
- Bus Tracking (Android Studio)

- Hand Detection using (OpenCV & Python)

PUBLISHED PAPERS

- Automatic Recognition of Fish Diseases in Fish Farms
- Published in: 2019 14th International Conference on Computer Engineering and Systems (ICCES)
- Publisher: IEEE
- Publication URL: <https://ieeexplore.ieee.org/document/9068141>

LANGUAGE

- **English** (Fluent Spoken and Written)
- **Arabic** (Mother tongue)

SKILLS

Computer Skills

- Microsoft Office
- Visual Basic
- Android Studio
- NetBeans
- Spring Boot
- Photoshop
- Rapid Miner Studio
- PyCharm
- PhpMyAdmin

Programming Languages

- C Programming Language
- C++ Programming Language
- Java
- Python
- HTML, PHP, javascript, Bootstrap, JQuery and Ajax

PERSONAL INFORMATION

- Date of Birth: 1/8/1998
- Nationality: Egyptian
- Gender: Female
- Marital Status: Single

REFERENCES

- Available Upon Request