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Personal Information

Name David Atef Dawod
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Military status Completed

Education

2013 : 2017 Bachelor degree in Computer science
Faculty of computers and information

University Ain shams
Graduation Degree Very Good

Work experience

[Agile Business Modules](#) – Cairo – Egypt

Software Developer

(July 2019 – To date)

Responsibilities include design and implement PHP web applications modules inherited from the company own platform called modulus, I build any new modules as backend and front end with PHP, angular and smarty template engine.

[Iudo World](#) – Sepapaja 6, Tallinn 15551, Estonia

Software Developer

(Aug 2016 – Jan 2019)

I worked at this company since my last year of study at the university and I continued for three years, I worked as a backend developer with PHP language for the games that build.

I worked as a python developer for some time to build machine learning models with the Scikit-learn library.

Skills

Technical Skills:

Languages/Web Development	PHP, Python, JavaScript, HTML, CSS, AngularJS
Frameworks	Laravel, Zend
Source Control	SVN, Git
Databases	MySQL, ADOdb
Tools	NuSphere, Netbeans, Visual Studio, Navicate.

- Data Structures, Object-Oriented Programming (OOP), Algorithms, Database, System Design and Analysis, Firebase, Machine Learning.

Soft Skills

- Adapt to new challenges and Work Environments Successfully.
- Working under pressure.
- Excellent team leader and I have ability to work individually.
- Good communication skills.
- Very good presentation skills.
- Able to learn more new tasks.
- Giving full attention to what other people are saying, taking time to understand the points being made, asking questions as appropriate, and not interrupting at inappropriate times.
- Identifying complex problems and reviewing related information to develop and evaluate options and implement solutions.
- Managing one's own time and the time of others.

Languages : Arabic, English

- **Indoor Mobile Robot for Package Delivery** - Graduation Project

A self-driving car that can navigate within indoor environment the purpose of delivering purchased items to registered users, capable to listen the order and then localize itself, oriented itself, navigate according to a pre-defined map ,detect and avoid dynamic obstacles and verify the correct user by face detection and recognition.
[Demo](#), [Documentation](#).

Tools : C#, Matlap, Python,Arduino,Machine Learning ,Computer vesion.

Members: David Atef ,Abdullah Alzoabi,Mohamed Samer, Fatma Habib, Farah Bakari.

Role : Team Leader.

- **Recruitment Module** – Agile Business Modules

A recruitment system is a software application that employers use to effectively and efficiently manage their recruitment processes and candidate flow. It allows you to create and store a database of candidates, manage and publish vacancies, process applications, invite and reject applicants, and more.

Tools : PHP, AngularJS, Smarty, MySQL.

Members: David Atef, Mostafa Zakaria

Role : Software Developer.

- **Invoicing Module** – Agile Business Modules

For every product sold or service rendered, an invoice is made, the first step for you to get paid. Where before payments are mostly cash-based and books are kept manually, leading to erroneous billing and delayed payables, today, we enjoy the vast benefits of financial technologies like electronic transfers, card payments, and online payments which speed up transactions. Invoicing software makes things even faster... especially that process that rings cash to your ears: collection.

Tools : PHP, AngularJS, Smarty, MySQL.

Members: David Atef, Sara Hasanen, Mostafa Zakaria

Role : Software Developer.

- **Stock Market Website - TEA Computers:**

Stock Market Website is a website used for stock exchange transactions. It is a maintained website which is always updated by our developers and quality team. It was developed by specialized developers so that it can be so much secured and almost impossible to be hacked. Not only that, but also the admins can be contacted very easily if there is any problem.

Languages: ASP.NET, Sql developer,MVC

Members: David Atef , moataz Mohamed,Magdy Mohamed

- **Social Media (Backend,Frontend)** – Ludo World:

Developed to show some questions as a small game for advertising the main game called "Regisseur" ,this puzzles about the relationship between actors by which movies related with each other.

As administrator part ,Admin can add, update and delete all of this puzzles.

As end user part, user solve the puzzle and enter his data "name,email,mobile", from this data we can get its location by geolocation "Google API".

Languages: PHP, Javascript, Laravel Framwork,MySQL,MVC..

Members: David Atef ,Diana Hossam

- **ELRegisseur game (Backend)** – Ludo World:

ERegisseur is a movie game inherited from classic Regissuer that connect tow actors by movies which act in them.

Administrator part, Admin can add ,update ,delete all of this (actors,puzzles,levels,ads,level slice,actor slice),slice means the difficulty of the actor or level,Admin also can import this data from central database ,export this data as word files.

Languages: PHP, Javascript, Laravel Framwork,Apis,Web Services,MySQL,MVC.

Members: David Atef ,Diana Hossam,Khaled Mohamed.

- **MiniRegisseur Game** – Ludo World:

Mini Regisseur is a movie game inherited from classic Regissuer that connect tow actors by movies which act in them.

Player can enter the game by facebook account ,after signing in the game will display tow actors one on the left and the other on the right and a list of movies that the first actor on the left act in them, the user should connect the first actor with the second actor by the movies, the game give some features like "Top ten , notifications ,runtime database –firebase,ads, share on facebook,.....",

Languages: Unity c#,Firebase.

Members: David Atef,Abdalla mentawy ,Diana Hossam,Khaled Mohamed,Aya rafat.

- **ELEVEN Game** – Ludo World:

MiniEleven is a game for football (soccer) fans, the game player has to choose, from a set of choices, another footballer who plays / played in one of the clubs in which that footballer plays / played. To make things interesting, the player is challenged to finish a complete streak, composed of 10 puzzles ,the game give some features like "Top ten , notifications ,runtime database –firebase,ads, share on facebook,.....",

Languages: Unity c#,Firebase.

Members: David Atef,Abdalla mentawy ,Diana Hossam,Khaled Mohamed,Aya rafat.

- **Recognizing Arabic Handwritten Digits – Ludo World:**

In this project we implemented the Bayesian classifier for handwritten digits. The problem is a classification problem, where there are 10 classes (class of digit zeros, class of digit ones,...). We used MNIST database.

Languages: Python, Machine Learning ,Computer vision..

Members: David Atef ,Abdullah Alzoabi, Fatma Habib.

- **Interacting with PC using Facial Gesture Recognition – Ludo World:**

The goal of this project is to classify the gestures of a centered image of a head to four classes, as either the person is looking down, left, front, or closing his/her eyes,. There are different predefined actions related to each class for computer control.

Languages: Python, Machine Learning ,Computer vision.

Members: David Atef ,Abdullah Alzoabi, Fatma Habib.

Certifications

- Web Design | Yat Center
- PHP Certificate | Jelecome
- Web Development | Udemey
- Stanford University | Online
Graph Search, Shortest Paths and Data Structures.
- Machine Learning | Coursera

Honors and Awards

- Top project in operating system course.
- Top ten project "GP" in "Elkahera tbtaker" Competition.
- Second place in operating system course among students.
- Fifth project in algorithms course among 126 projects.
- Second place in assembly contest.
- Top 5% student in assembly course.

Interests

Follow-up News

Watching Football matches

View ads

Running

Playing Music

Swimming