



Abdelrahman Issawi

Computer Engineer

✉ aid-issawi@hotmail.com 📍 Cairo, Egypt 📅 29/07/1998 ☎ 01093511759 🛡 Exempted

in www.linkedin.com/in/issawi 🐙 github.com/Issawi98

🎓 EDUCATION

Bachelor of Computer Engineering & Software Systems, Ain Shams University

2016 – 2021

GPA: 3.78 (Excellent with honors)

Graduation Project Grade: A+

🗣 LANGUAGES

English

Full Working Proficiency

Arabic

Native

💼 PROFESSIONAL EXPERIENCE

Software Engineer/ Data Engineer, Ejada Systems

2022 – present

- Python Scripting for data manipulation.
- Oracle ofsaa developer, Analyst, and Tester.
- SQL, PLSQL, Oracle, and Relational Database development.

Data Analyst, UIPM

2019 – 2021

- Analyze athletes' performance to gain useful insights about how to improve.
- Develop tools to automate the federation tasks.

Digital Creator, Freelancer

2012 – 2022

- Graphic Designer.
- Videographer, photographer, Director, and Editor.
- Booth Designing, Experienced in printing.

Intern, Orange Business Services

2020 – 2020

- Competition Analysis, and Business Intelligence.

Intern, (Dell EMC2) / iHub

2019 – 2019

- Learn general cloud computing concepts.
- Gain an understanding of the fundamental systems on which the cloud is based.
- Build knowledge from beginner level to advanced concepts.

🧠 SKILLS

Programming (Python, Java, C++).

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Object Oriented Programming.

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Data Analysis.

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Agile methodologies.

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SQL, PLSQL, and Relational Database development.

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Testing (Writing unit, integration, and module tests).

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Flutter Development.

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Linux

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Firebase.

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Machine Learning.

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VMware Workstation.

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Figma UI/UX.

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PROJECTS

BLOCKCHAIN-V2V-COMM, (*GRADUATION PROJECT*).

- This project aims to simulate a new model for a trustful environment for vehicles information sharing. The model is based on using blockchain and smart contracts to store, retrieve and update data necessary for vehicles authentication and messages verification during vehicles communication. More precisely, the blockchain holds public keys for all vehicles and RSU (road-side units) for receiving vehicles to authenticate the sender and it also holds a trust level for each vehicle that models how much a vehicle is trustworthy when it shares information about the road (i.e accidents or slippery roads).

Flutter T-shirts Ordering App.

- Flutter developed application to customize t-shirts ordering, and viewing other designed products integrated with SQL DB.

Wireless Fencing Scoring Machine.

- Arm-based TM4C123 board ' TivaC ', and 2.4Ghz nrf wireless boards, NodeMCU and Arduino microcontrollers connected to mobile and web apps using Blynk APIs.

Python Bubble Sheet Scanner.

- Python, Computer vision tools, opencv.

isReferee Android App.

- Application to handle world cups' swimming events. MVVM Architecture, Realtime database, and NodeMCU.

Python Desktop Results System.

- A script runs to extract all the athlete's results and export PDF. using Numpy, and Pandas. integrated with SQL DB.

Cashier System, Students Grading System, MIPS Data Path Simulator, Tiny language compiler, Laser- Run Results System.

- Java, SQL, and GUI.

Smart Home Software Prototype.

- Software Engineering, UML Diagrams.

Digital Access Control Finite State Machine

- VHDL.

COURSES

HCIA-CLOUD COMPUTING

Credential ID 01010080280805821691849

Data Analysis Nanodegree, *Udacity*

Credential ID HE5EPT7E

Python for Everybody Specialization, *Coursera*

Credential ID QGQ7VSVAEQZN

Machine Learning, *Coursera*

Credential ID UZ9HDBZB8RU8