FADHEL BEN ABDI

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­GitHub link URL: <https://github.com/benabdif> |Linked URL: [https://www.linkedin.com/in/fadilfbenabdiTop](https://www.linkedin.com/in/fadilfbenabdi)  **of Form** |Website: <https://benabdif.github.io/>i

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## CaREER OBJECTIVE

As an Information Systems major, Data Scientist, my career objective is to leverage my comprehensive understanding of technology and data management to contribute effectively to a dynamic and innovative work environment to communications link between customer and the Solutions Team. I ama a detail-oriented Audit Professional with a strong foundation in auditing and a keen understanding of various business disciplines. Seeking a challenging position that leverages my skills in planning and executing audit engagements, assessing business risks, and contributing to the effectiveness of internal controls.

## EDUCATION

Oregon State University Mar - 2021

Bachelor of Science Information System and Management **Honor.** GPA 3.51

**Coursework:** Design and Analysis of Algorithms, Comuncation Business, Cloud Computing & Big Data, Machine Learning,Intelligent System, Data Mining and Business Intelligence, Soft Computing and AI, Big Data Analytics.

## WORK EXPERIENCE

* **Tayseer Finance** : Business Systems Analyst. Aug - 2023

* Conducted comprehensive analysis of business processes, eliciting and documenting user requirements to improve system functionalities and streamline operations.
* Customer relationship management (CRM)
* Collaborated with cross-functional teams to identify and implement innovative solutions, resulting in a 20% increase in operational efficiency.
* Conducted feasibility studies and impact analyses to assess the viability of proposed system enhancements.
* Developed and maintained web applications using Python Django framework, providing efficient and user-friendly solutions for clients.
* Provided ongoing support to end-users, troubleshooting issues, and implementing system updates to address evolving business requirements.
* Designed and implemented database schemas, leveraging Oracle database to store and manage critical data.
* Utilized SQL to create, modify, and optimize complex database queries, ensuring data integrity and performance.
* Collaborated with cross-functional teams to gather and analyze project requirements, translating them into technical specifications and project plans.
* Conducting comprehensive training courses for new employees on the Python language to maximize the system’s potential and self-sufficiency.
* Developed an intelligent algorithm for optimizing parking space allocation, which led to a 25% increase in parking space utilization and revenue generation.
* **Oregon State University – Intern IS**: Data Science Analysis & Reporting Jun2020 – Sep 2022
* Developed instructional materials “Business Data Management” class under the supervision of a specialist professor at Oregon State University.
* I worked on database, user interface, type a query, Microsoft Access, SQL Server waich make the data into meaningful information.
* Design and create special programs for tasks such as statistical analysis and data entry and data cleaning for the University.
* Assist in developing and executing comprehensive risk-based audit programs to evaluate the adequacy and effectiveness of internal controls.
* I formulated a mathematical model 'decision tree' that assist supervisor to provide useful decision-maker to choosing a proprate class to teaching.
* Developed a program that is capable to storing and retrieve data, the program able to extracting and displaying new data. using python Language and MongoDB.
* Re-designed classes assignment and converst from C# language to python (NoSQL, Cassandra, Mongo DB).
* **Daimler North America: Automation Systems Developer**  Jun 2019 – Dec 2019
* Develop and oversee the implementation of information security procedures and policies inside Daimler Trucks North America ecosystem.
* Designed and implemented the appropriate security controls to identify vulnerabilities and protect digital files and electronics.
* Designed and developed an automation program that identifies suspicious login users' names and passwords for employees using python and C#.
* Worked on a model project design constructing large relational databases and data warehouse systems.
* Built entity-Relationship Diagrams using Microsoft Visio.
* Completed Splunk database skills fundamentals One and Two inside Dailmer.

## Skills:

* Requirements Analysis, Systems Design and Implementation,Data Modeling and Database Management ,User Training and Support, Project Management, Strong Analytical and Problem-Solving Skills.

**Technical Skills:**

* Python - Django, Flask framework,Laravel framework, Java, C #, JavaScript, Tableau, RapidMiner, GitHub, Git.
* Oracle database, UNIX, LINUS, NoSQL, SQL Server, mongo DB, Cassandra, HTML/CSS, Microsoft Azure, Amazon Web Services, Web design, Visual Studio, professional, iMovie, Machine & Deep Learning.
* Excel, PowerPoint, Visio, iMovie, Microsoft database Access, XD, Photoshop Adobe.
* Fluent in Arabic and English.

projects Implementation

**Parking Management Project Automation System**

* Web developer a parking management project, automation system for the parking management project, March 2023, for Al-Tayseer Company.
* Spearheaded the development and deployment of a cutting-edge Parking Management Project Automation System, revolutionizing parking operations for clients.
* Designed a modern, responsive web interface with Python Django, optimizing it for user-friendliness and seamless navigation.
* nnovated the system's architecture, incorporating Oracle database technology to efficiently handle and safeguard mission-critical data.
* layed a pivotal role in ensuring data accuracy and reliability by meticulously cleaning and preparing raw data for the Parking Management Project Automation System at Al-Tayseer Company.

**Artificial Intelligence & Machine Learning Project**

* Built a security camera system by using the OpenCV library to detect a face and body in the footage.
* The system is capable of secure action such as sending alert messages or a complete self-shut down of the system after detecting a strange face on the user account.
* Built a facial recognition system that be able to match a human face from a digital image or a video through ID verification services. The system works by pinpointing and measuring facial features from a given image.

**Develop and implement Database.**

* The app allows users to successfully create an account, and easily add/remove posts using python, flask, and Django frameworks.
* Related the website with database SQL user interface and query software.

**Built a website dedicated to athlete’s performance analysis.**

* Pull up data from the internet by using the API ecosystem.
* Provides analyzes data and presents it to the users in a simple way through graphs and images.
* Programming languages & tools used in this project is Python, SQL, HTML, CSS, JavaScript, JSON.

Volunteer experience

* Google Student Developer Club at the University of Oregon. Create a project ML using Google platform.
* Organizer – organized a celebration for an orphanage sponsored by Aramco Oil Company.
* Creative – manage a team project to build an application Mobile.
* Critical Analysis – Evaluated the performance of construction projects upon completion to avoid pitfalls in future projects.

## Awards

* Honors graduate – Information System, Oregon State University.
* Won 6th place (150 participants) in SABIC Entrepreneurship award boot camp, September 2019, Huston, TX, USA.

Got selected to be part of the MECOP program. Only 10 % of the class get selected to prepare and intern students' to involved in the worker’s market. MECOP is a unique alliance driven collaboratively by Oregon’s Engineering Universities.