MANAL ZAKRI

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Professional Summary

Knowledgeable CS lecturer well-versed with technology, and intellectually curious person always seeking new information and driving research forward.

Work History

01.2019 - Current

Computer Science Lecturer
Jazan University - CS department - Jazan, Saudi Arabia

- Teaching computer programming in Java and C++.
- Worked as a member of the E-learning department.
- Worked as a member of the Graduation Projects committee.
- Worked as a supervisor of the Computer and Cyber Security Club in the college.

06.2012 - 05.2014

A Computer Science Teacher Assistant
Jazan University - CS department - Jazan, Saudi Arabia

Skills

- Programming languages (Java, C++, Python)
- SQL, and NoSQL.
- Data Modeling (Postgres, Cassandra, Apache Spark).
- Data Extracting and staging using Amazon Web Services (Amazon Redshift clusters).
- Automated Data pipelines with Apache Airflow.
- Pandas Dataframes.
- GitHub.
- Cloud computing.
- Scientific research.
- Teaching.

Education

09.2020

Nonodegree, Data Engineering, Udacity - Online course, certified by Misk Academy

12.2018

Master of Science, Computer Science, Bowling Green State University - Bowling Green, OH, United States

01.2012 ● Bachelor of Science, Information Technology, King Saud University - Riyadh, Saudi Arabia

Accomplishments ●

- US Immigration Data Modeling Project.
Sept **2020**
- Data Pipelines with Airflow Project.
Aug **2020**
- Data Modeling with Spark Project.
July **2020**
- Cloud Data Warehouse Project.
June **2020**
- Data Modeling with Apache Cassandra Project.
May **2020**
- Data Modeling with Postgres Project.
May **2020**
- Studying the impact of virtual machines allocation and oversubscription on the reliability of Cloud Computing System.
Aug **2017 – Dec 2018**

Certifications ●

- **Future Path Career Essentials Program**
Misk Foundation
2020
- **Future Path Career Preparation Program**
Misk Foundation
2020
- **Data Engineering Nanodegree**
Misk Academy
Apr 2020 - Sep 2020

Languages ●

| **Arabic**: | **English**: | C1 |
| Native language | Advanced | |